BENGALURU ELECTRICITY SUPPLY COMPANY LIMITED

BID ENQUIRY NO:

BESCOM/GM (M&C)/120/SmartMeter/2023-24

BIDDING DOCUMENTS

FOR

Supply and fixing of 11kV 3phase 4wire smart meters in place of existing 3phase 3wire non-DLMS meters in HT installations of Non-RAPDRP area of BESCOM on total turnkey basis under PERCENTAGE quoting on each item.

THIS BID DOCUMENT CONTAINS FOLLOWING VOLUMES:

VOLUME- I **COMMERCIAL REQUIREMENTS**

1. **Section – I** **Invitation For Bids - IFB**
2. **Section – II** **Instruction to Bidders - ITB**
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VOLUME-II **TECHNICAL SPECIFICATIONS**

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TECHNO COMMERCIAL SHEETS
& PRICE SHEETS

NOTE: Volume – III is to be duly filled and uploaded on to Karnataka Public Procurement portal website by the Bidder

Section - I

(Volume –1)

INVITATION FOR BID (IFB)

1.0 INTRODUCTION:

The General Manager (Ele), Meter & Commercial, Corporate Office, BESCOM, 1st floor, K.R. Circle, Bengaluru-560001 on behalf of Bengaluru Electricity Supply Company Limited, invites tender vide Enquiry **No: BESCOM/GM (M&C)/120/ Smart Meter/2023-24** in two tender document system (Techno Commercial Bid and Price Bid) through e-procurement portal (www.eproc.karnataka.gov.in) for **"Supply and fixing of 11kV 3phase 4wire smart meters in place of existing 3phase 3wire non-DLMS meters in HT installations of Non-RAPDRP area of BESCOM on total turnkey basis under PERCENTAGE quoting on each item".**

1. Enquiry No.	**BESCOM/GM (M&C)/120/ Smart Meter/2023-24**
2. Tender processing fee	**Refer Karnataka Public Procurement portal website**
3. Earnest Money Deposit	**Refer Clause No: 4.0**
4. Bid documents available from	**17.06.2023 onwards**
5. Last date for submission of queries	**22.06.2023 @ 16:00 Hrs**.
6. Pre-bid meeting date and Place	**23.06.2023 @ 11.00 Hrs** 1st Floor, 2nd Block, **Corporate office, BESCOM, K. R Circle, Bangalore-560 001**
7. Due date for submission of Bids	**03.07.2023 up to 16:00 Hrs**
8. Tender System	**Two tender document system**
9. a) Date of opening of Techno commercial bid b) Date of opening of Price Bid	a)**04.07.2023 @ 16:15 Hrs** b) Will be opened in Karnataka Public Procurement portal after completion of Techno commercial bid evaluation.
9. Period of Completion	The work shall be completed within 03 (Three) months from the date of issue of award.
10. Price Bid	The bidders shall quote only the percentage above or below or equal to the individual Schedule of material & labour charge rate on each item for the said work in the Price Schedule of the e-procurement portal.

NOTE:

A) BESCOM has invited the bid on Percentage basis (equal percentage for individual items basis).

B) The bidders are advised to quote only the percentage above or below the amount put to tender for the said work in the Price Schedule of the respective enquiry. While quoting, it is the responsibility of the bidder to consider the correct rates of duties, taxes and levies on the equipment/material/work prevailing at the time of bidding.

C) While awarding the Contract to the successful bidder, the approved percentage above or below the amount put to tender (or) amount for comparison (Estimated cost) will be uniformly applied to the computed rates of individual materials/items under the scope of the contract to arrive at the unit FORD price and there by arriving the total contract price.

1.1 PROJECT DESCRIPTION:

This project envisages the Supply and fixing of 11kV 3phase 4wire smart meters in place of existing 3phase 3wire non-DLMS meters in HT installations of Non-RAPDRP area of BESCOM.

1.2 Tender Processing Fee and Bid Security (Earnest Money Deposit):

a) Bids shall be accompanied by Tender Processing Fee, for an amount as mentioned in the e-Procurement platform and Bid Security (EMD) for an **amount @ 1% of the amount put to tender i.e., Rs. 4,13,000.00** shall be submitted through any of the e-payment modes mentioned in the Karnataka Public Procurement portal (KTPP).

b) The EMD Payment shall be made through any of the of e-Payment modes viz., Credit Card/ Debit card, Net Banking, NEFT / RTGS, Over-the-Counter (OTC), IMPS.

NOTE:- EMD payment at Karnataka Public Procurement portal is through bank gateway as indicated in the e-portal.

For further clarification, contact Karnataka Public Procurement portal Help Desk: Phone No: +91-8046010000, +91-8068948777 E-mail: support@eprochelpdesk.com**.**

c) Any Bid not accompanied by the required Bid Security in accordance with provisions of this Clause will be rejected by the BESCOM as Non-Responsive and shall not be opened.

d) Bids shall remain valid for 180 days from the date of Techno-Commercial Bid opening unless otherwise specified in the accompanying Special Conditions of Contract. A Bid valid for a

shorter period will be rejected by the BESCOM summarily as Non Responsive.

e) In exceptional circumstances, the BESCOM may solicit the Bidder's consent for an extension of the period of validity. The request and the response thereto shall be made in writing or E-Mail. In such an event the Bid Security provided above shall also be extended by the same period as the extension in the validity of the Bid. A Bidder may refuse the request without becoming liable for forfeiture of his Bid Security. A Bidder agreeing to the extension will not be required or permitted to modify its Bid.

f) Tenders without accompanying the EMD will be rejected. No correspondence will be entertained in this regard. EMD is payable irrespective of any other permanent or other EMD already paid by the Bidder for any other purpose. Postal Orders or Cheques will not be accepted. Any request for adjustment of amount due from BESCOM towards the EMD will not be entertained.

g) The Earnest Money so deposited will be liable for forfeiture:-
   a) If the Bid which it covers, is withdrawn before the Bidder received formal intimation as to the BESCOM's decision in regard to his tender within validity of the Bid, OR
   b) If the successful Bidder fails to deposit the security deposit and fails to execute the Contract Agreement within 15 days of formal intimation by BESCOM.

h) Permanent EMD will not be considered.

i) Earnest Money Deposit of the successful Bidder will be refunded after furnishing Performance guarantee & after execution of Contract Agreement.

j) The EMD of the unsuccessful bidders shall be returned after the successful Bidders execute the contract agreement or if the enquiry initiated is dropped or closed.

k) No interest or any other cost will be payable by BESCOM on the EMD.

1.3 Bid Submission:

a) The following Documents duly signed by authorized Persons shall also be sent to The General Manager, Meter & Commercial, Corporate Office, K.R. Circle, Bangalore within the due date and time notified for submission of the bid i.e., on or before 01.07.2023, 16:00Hrs in a sealed cover, failing which their bid will not be opened.

   i) Schedule –5: No deviation Certificate.
   ii) Letter of undertaking.
   iii) Power of attorney, if any
   iv) Any other Agreements/Undertakings specified in the tender.

b) Separate document Files have been specifically created for uploading the qualifying documents such as:
   i. Self-declaration for work to be executed by contractor having Valid Class-1/Super grade Electrical Contractor's license issued by Electrical Inspectorate, GOK
   ii. Detailed Work Award, Completion certificate, Performance Certificate & Self execution works intimation.
   iii. Works on Hand
   iv. Power of Attorney in favour of individual to sign the tender documents in case of Partnership firm/company registered under companies act,
   v. Audited financial statements (Audited Profit & Loss Statements & the Balance sheets).
   vi. Liquid Assets details.
   vii. Certificate of Incorporation/Memorandum Of Association/ Article of Association of the company in case of Registered Companies under companies act/ Partnership deed in case of Partnership Firm.
   viii. GST registration with GSTIN number, PAN number, Labour license, ESI/EPF registration.
   ix. No Deviation Certificate, Letter of Undertaking, Bank Guarantee towards balance EMD, techno-commercial sheets, Self-declarations etc.
   x. Any other required documents as per the qualifying requirements, terms and conditions of the tender.

Note: These Qualifying documents are to be uploaded to the respective files only, IF ANY OF DOCUMENTS ARE UPLOADED TO THE FILE OTHER THAN THE SPECIFIED FILES, SUCH DOCUEMNTS WILL NOT BE CONSIDERERD FOR EVALUATION. If any of the documents are not applicable to a particular Bidder, then such Bidders have to upload a document stating "Not Applicable". The other documents if any which needs to be uploaded by the Bidder for which no specific files have been created to substantiate or to meet the requirements of the Bids, such additional documents may be uploaded in the folder named as "additional documents" in the e-procurement portal.

c) Price bids of Techno-commercially responsive bidders who successfully demonstrate Proof of Concept (POC) for integration of meter data to the existing BESCOM server shall only be opened at a later date through the KPP portal and no separate intimation will be communicated.

   NOTE: The Price Bids of Non - Responsive Bidders will not be opened.

d) The Bidders shall provide proof of their credentials in support of their Technical capacity, Financial Strength and Past Experience. All Certificates in connection to the works shall be issued by an officer not below the rank of Executive Engineer/DGM of the concerned utilities duly mentioning the quantum of works, value of award, place of work, DWA reference, date of completion & commissioned. All certificates will be authenticated from the issued authority, if required.

e) BESCOM takes no responsibility for delay, due to any cyber or any other computer related problems or postal delay. Further, BESCOM reserves the right to reject any or all the Bids without assigning any reasons thereof and shall bear no liability whatsoever consequent upon such a decision.

f) The Bidder is required to ensure browser compatibility of the computer well in advance to the last date and time for receipt of tenders. The department shall not be responsible for non-accessibility of e-procurement portal due to internet connectivity issues and technical glitches.

1.4 QUALIFYING REQUIREMENTS:

The essential minimum qualifying requirements are as under:

Sl. No.	Qualifying Requirements	Documents to be uploaded by the Bidder
Part A: Technical Criteria		
1	The Tenderer should be a registered sole proprietorship firm or a partnership firm or a registered company incorporated under companies Act 1956/2013.	Valid registration certificate shall be uploaded.
2	The tenderer should have Satisfactorily completed (at least 90% of the contract value), as prime contractor, at least **one similar work** such as Replacement of LT/HT energy meter in any DISCOM/ power utilities/ SEBs/ government entities in India in the last Five Years. (i.e., FY 2018-19 to 2022-23). **The value of such work should not be less than ₹ 2.065 Cr (50% of the amount put to tender) as below** **Note** Updated to the FY 2023-24. The value of the completed works shall be given a weight of 10% per year to bring them to the price level of the FY in which the tenders are invited (FY 2023-24).	a. Purchase Orders/Detailed Work Awards/ letter of awards b. Work completion/ Performance certificate for replacement of LT/HT energy meter issued by an officer not below the rank of executive Engineer or equivalent rank for the above Purchase Orders/Detailed Work Awards/letter of awards c. Details of Work performed as Prime Contractor for replacement of LT/HT energy meter during the five years shall be filled in the format Enclosed as **Annexure.**

Sl. No.	Qualifying Requirements	Documents to be uploaded by the Bidder
3	The tenderer should have executed 840 Nos. (**80% of tendered quantity)** of energy meter replacement works on TTK basis in any one year during the last Five Years. (i.e., FY 2018-19 to 2022-23) in any DISCOMs/ power utilities/ SEBs/ government entities in India on TTK basis.	a. Purchase Orders/Detailed Work Awards/ letter of awards b. Work completion/ Performance certificate for replacement of LT/HT energy meter issued by an officer not below the rank of executive Engineer or equivalent rank for the above Purchase Orders/Detailed Work Awards/letter of awards c. Details of quantities for replacement of LT/HT energy meter executed as Prime Contractor during the five years shall be filled in the format Enclosed as Annexure.
4	The tenderer should possess valid Super grade/ Class-1 Electrical contractor license issued by GoK.	A valid Super grade/ Class-1 Electrical contractor's license issued by Electrical Inspectorate GoK.
5	The Bidder shall supply Meters manufactured in India and confirming to Bureau of Indian Standard Certification (ISI mark) compliant to IS 16444 Part-2*. *Note: *At the time of supply of HT-CT & PT operated Meters, the smart meters shall have all the valid test certificate and BIS Certificate, compliant to IS 16444 Part-2.*	Valid BIS certificate in the name of OEM (Smart energy meter intended to be supplied) shall be uploaded. The bidder shall submit two Sample meters along with the bid.
6	The tenderer should have an ISO 9001/27001/14001 certification.	The certificate in the name of OEM (Smart energy meter intended to be supplied) shall be uploaded.
7	i) The tenderer shall extend support for integration of meter data to the existing BESCOM server up to 02 billing cycles after completion of work. ii) Price bid of Techno-commercially responsive bidders who successfully demonstrate Proof of Concept (POC) for integration of meter data to the existing BESCOM server shall only be opened.	i) Self-declaration shall be uploaded. ii) Consent letter.
Part B: Financial Criteria		
8	The annual turnover of the Bidder shall not be less than two times amount put to tender **(₹ 8.26 Cr)** in any two of the preceding five financial years (i.e., FY	Audited annual accounts duly certified by the chartered Accountant for the years mentioned shall be uploaded.

Sl. No.	Qualifying Requirements	Documents to be uploaded by the Bidder
	2017-18 to 2021-22)	
9	The liquid assets of the bidder as **on the date of NIT or later** shall not be less than 25% **(₹ 1.032Cr**) of the amount put to tender. Liquid asset shall include the following issued from any Nationalized/ Scheduled Commercial Bank: • Cash at Bank. • Term deposits. • Availability of fund based credit facility	The cash at bank and availability of fund-based credit facility as on date of NIT or later date but before opening of technical bid shall be supported by certificate issued by any Nationalized/ scheduled commercial bank in the format enclosed as Annexure.
10	**Bid capacity:** Bidders who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under: Assessed available tender capacity = (A*N*1.5 - B) Where A = Maximum value of works executed in any one year during the last five years (Price updated to present year) taking into account the completed as well as works in progress. N = Number of years prescribed for completion of the works for which tenders are invited. B = Value, of existing commitments and on-going works to be completed during the next 6 months (period of completion of the works for which Tenders are invited)* Note: The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer.	The bidder shall upload statements showing: 1) For A: the value of works executed in any one year during the last five years, attach certificate from Chartered accountant. The details shall be filled in the format enclosed as Annexure. 2) For B: the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent. The details shall be filled in the format enclosed as Annexure.
Part C: General Criteria		
11	The tenderer shall have all Type Test reports not older than 5 years as on date of NIT for Smart meter as per relevant Indian Standard which has successfully passed relevant type tests at CPRI/ ERDA/NPL/ERTL.	Valid type test reports of the OEM (Smart energy meter intended to be supplied) shall be uploaded.
12	The tenderer should upload the GTPs of	GTP shall be uploaded

Sl. No.	Qualifying Requirements	Documents to be uploaded by the Bidder
	the energy meter intended to be supplied and to be as per the specification.	
13	Even though the Bidders meet the above criteria, they are subject to be disqualified if they have:	Self-declaration shall be uploaded.
	i) made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or	
	ii) record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or	
	iii) Participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.	
	iv) Black-Listed due to non-performance in execution of works by any Public Electrical Utility/Govt. utility as on date of bid submission.	
	v) Defaulted/short closed due to non-performance in execution of works against the order placed any Public Electrical Utility/Govt. utility as on date of bid submission	
14	Any Bidder from a country which shares a land with India will be eligible to bid in this tender only if the Bidder is registered with the Competent Authority.	Registration certificate issued by the competent authority shall be uploaded.
15	A certificate for having read the clauses is required to be submitted/uploaded by the Bidder separately in the following format: I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; I certify that this Bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this Bidder fulfils all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.	Self-declaration certificate in the prescribed format shall be uploaded.

1.5 REQUIREMENT OF EQUIPMENTS/ MATERIALS TO BE SUPPLIED BY THE CONTRACTOR:

a) The successful bidder shall procure and supply of all the materials under the scope of the contract as per IS/ IEC/ BESCOM specifications. .

b) Successful Bidder desiring to procure any Equipments/Materials from Sub Vendors, shall furnish all the Credentials such as Type test Certificates, details of Past Supplies, Performance Certificates from the End Users etc as required as per criteria for examination.

c) The requisition letter of "inspection call" from successful bidder shall be submitted to the office of the General Manager (Ele), Meter & Commercial, BESCOM, 07 days advance notice in writing the date and place at which the equipment's will be ready for testing/inspection.

If the information furnished by the Bidder / Bidders found to be false at any stage of tendering/ execution, then the BESCOM will take action against such Bidder/ Bidders. If false information is found at the Tendering stage BESCOM will forfeit the EMD paid, disqualify the offer of such Bidder and Black list the Firm. If false information is found at execution stage, then BESCOM will cancel the works awarded, forfeit the Bank Guarantee furnished against the performance of the contract, Black list the Firm, besides initiating action for recovery of excess money paid by BESCOM if any after getting the works executed from other contractors, levy liquidated damages etc.,

SECTION – II

(Volume –I)

INSTRUCTIONS TO BIDDERS (ITB)

1.0 Understanding of Bid Documents:

A Prospective Bidder is expected to examine all Instructions, Forms, Terms and Specifications in the Bid Documents and fully inform himself as to all the Conditions and matters, which may in any way, affect the Scope of Work or the Cost there of. Failure to furnish all information required by the Bid Document or submission of a Bid not substantially responsive to the Bid Document in every respect will be at the Bidder's risk and may result in the rejection of its Bid.

2.0 Clarifications on Bid Documents:

a. If the Prospective Bidder finds discrepancies or omissions in the Specifications and Document or is in doubt as to the true meaning of any Part, he shall at once make a request, in writing for an interpretation/clarification to the BESCOM. The BESCOM, then, will issue interpretations and clarifications as he may think fit in writing. After receipt of such interpretations and clarifications the Bidder may submit his Bid but within the time and date as specified in the Invitation for Bid. All such interpretations and clarifications shall form a Part of the Bidding Document and shall accompany the Bidder’s Proposal. A prospective Bidder requiring any clarification on Bid Document may notify the BESCOM in writing. The BESCOM will respond in writing to any request for such clarifications on the Bidding Document, which, it receives not later than the date indicated in the tender documents and the e-Procurement portal (https://eproc.karnataka.gov.in). Clarifications/ Amendments / Addendum / Corrigendum will be issued through the e-Procurement portal, if found necessary.

b. Verbal clarifications and information given by the BESCOM or his Employee(s) or his Representative(s) shall not in any way be binding on the Owner.

c. At any time prior to the deadline for submission of Bids, the BESCOM may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Document/ conditions by Amendment(s).

d. The Amendment will be notified in the KPPP and the same shall be made available against the published tender in the e-Procurement system. BESCOM will bear no responsibility or liability arising out of non-receipt of the same in time or otherwise.

e. In Order to provide prospective Bidders reasonable time to take the amendment into account in preparing their Bids, the BESCOM may, at its discretion, extend the Due date for the submission of Bids.

f. Such Amendments, Clarifications etc., shall be binding on Bidders and will be given due consideration by the Bidders while they submit their Bids and invariably upload such Documents as a part of the Bid.

g. The Bid prepared by the Bidder and all correspondence and Documents relating to the Bid, exchanged by the Bidder and the BESCOM, shall be written in the English or Kannada Language only, provided that any Printed Literature furnished by the Bidder may be written in another language so long as accompanied by an authenticated English or Kannada translation of its pertinent passages. Failure to comply with this may disqualify a Bid. For purposes of interpretation of the Bid, the English or Kannada translation shall govern.

h. It will be imperative on each Bidder to fully inform himself of all Local conditions and factors which may have any effect on the execution of the Contract covered under these Documents and Specifications. The BESCOM shall not entertain any request for clarifications from the Bidders, regarding such Local conditions.

i. It must be understood and agreed that such factors have properly been investigated and considered while submitting the Proposals. No Claim for financial adjustment to the Contract Awarded under these Specifications and Documents on account of Local conditions will be entertained by the BESCOM. Neither any change in the Time Schedule of the Contract nor any financial adjustments arising thereof shall be permitted by the BESCOM, which are based on the lack of such clear information or its effect on the Cost of the Works to the Bidder.

j. The Bidder shall complete the Bid Form inclusive of Price Schedule, Technical Data Requirements etc., provided in the Bidding

Documents, indicating a brief description of Goods to be supplied and Services to be rendered, Quantity and Prices.

k. The Bidder shall also submit Documentary evidence to establish that the Bidder meets the Qualification Requirements as detailed above.

l. The Tender Processing Fee and Bid Security shall be in accordance with tender conditions.

m. No deviation whatsoever, either in full or in part, the Conditions of the Bidding Documents as specified in the Special Conditions of Contract is permitted by the BESCOM. Therefore, the Bidders are advised that while making Bid Proposals and quoting Prices, these conditions may appropriately be taken into consideration. Bidders are required to furnish a Certificate to General Manager, Meter & Commercial, BESCOM in this regard as per the Format provided in Special Conditions of Contract in sealed envelope along with other Documents, as indicated in Clause 1.3 of Section IFB. In the event of Non-receipt of the above mentioned “No Deviation Certificate” on or before the Date and Time indicated in tender documents, the Bids of such Bidders will not be opened and will be treated as Non-Responsive.

n. Bids not covering the Scope of Works may be treated as incomplete and hence rejected summarily.

o. The Bidder shall complete all the Schedules & Annexure in the Bid Proposal Sheets, Technical Data Sheets, and Price Sheets and specified elsewhere. The Qualifying Data shall be filled in the required Schedule of Techno-Commercial sheets. While furnishing Qualifying Data, only the list of executed Works, similar in nature to the tendered Scope of Work, shall be furnished.

3.0 SCOPE OF WORK:

The salient features of the works include, but not limited to, the following:

- Conducting survey with Geo tagging details for execution of works in consultation and coordination with the Local BESCOM authorities.
- Supplying of 11kV 0.2s accuracy class 3phase 4wire Smart energy meters with Cellular technology.
- Releasing of existing 3phase 3wire Non-DLMS meters in 2CT 2PT type HT installations in Non-RAPDRP area of BESCOM.
- Fixing of 11kV 0.2s accuracy class 3phase 4wire Smart meters in place of released meters along with necessary wiring work.
- Supply, Design and Detailed Engineering and fixing as per the technical specifications as per standards.

- Providing Engineering Drawings, Data, Operation Manual, etc., for the BESCOM's approval for the Equipments/Materials in the Scope of the work.
- Packing and Transportation from the Manufacturer's Works to the Site of Equipments/Materials in the Scope of the Contractor.
- Receipt, Storage, Preservation and Safe keeping of Equipment at the Site.
- Pre-assembly, if any, Erection, Testing and Commissioning of all the Equipment if any.
- Support for integration of meter to the existing BESCOM server.
- Sharing of required meter credentials to the BESCOM as and when required.
- Support for any up-gradation of the features required in the meter as and when required.
- Shall guarantee the materials supplied as per the applicable standards without any deviations

1. In addition to the requirements indicated herein, all the requirements as stated in other sections shall also be considered as a part of this specification as if completely bound herewith.
2. The Bidder shall be responsible for providing all material, equipment and services specified or otherwise which are required to fulfil the intent of ensuring operability, maintainability and the reliability of the complete work covered under this specification.
3. It is not the intent to specify all aspects of design and construction of equipment mentioned herein. The systems, sub-systems and equipment shall conform in all respect to high standards of engineering, design and workmanship, and shall be capable of performing in continuous commercial operation.
4. The scope of work shall comprise, but not limited to the design, engineering, manufacture, testing and inspection at manufacture’s works, packing, supply, transportation, transit insurance, delivery to site, unloading, and storage and equipment erection including associated civil and structural works.
5. In case any component/service which is necessary for the project requirement is not considered, the same needs to be provisioned by the Contractor at no additional cost to BESCOM.
6. Scope of the project shall include all enabling works required for modification to existing facilities within the project area.
7. The number of HT installations identified for fixing of 11kV 0.2s accuracy class 3phase 4wire Smart energy meters may vary depending on field condition.
8. Bidder shall familiarize with all the locations, conduct survey and assess the requirement of minor materials for each of the identified location.

9. The smart energy meters shall be supplied duly tested and sealed at the concerned MT Divisions. These meters shall be fixed in place of existing 3phase 3wire Non-DLMS meters in 2CT 2PT type HT installations in Non-RAPDRP area of BESCOM to the identified locations under the supervision of the Asst. Executive Engineer Ele,/Assistant Engineer, El.,/Junior Engineer Ele, of the O&M unit/works unit of BESCOM.
10. The bidder shall carry out replacement and fixing of HT Smart meters in coordination with MT staff and O&M staff of BESCOM.
11. The MT division staff, BESCOM shall rate the installation before releasing the existing meter and shall seal the terminal covers of the new meters installed by the firm after ensuring that they are working satisfactorily, record the initial reading of the meters in the report. The O&M AE/JE shall record the completion of the work along with MT report in the measurement book.
12. The details of installations along with location/address shall be mentioned in the Measurement Book and O&M AE/JE shall ensure that the same is updated in the system/ database and also in the ledger.
13. The released 3phase 3wire Non-DLMS meters shall be returned to concerned jurisdictional stores of BESCOM.
14. The RR Nos. of HT installations will be provided along with the LoI/Award.
15. The project work shall be completed within a period of 03 (Three) months from the date of LoI/Award.
16. Bidder has to provide the required manpower for successful operation.

4.0 Detailed work instructions for the project work:

The tentative list of boundary metering cubicles locations is as follows:

BRAZ Division	**Non-DLMS**	**CTZ Division**	**Non-DLMS**
Hosakote	134	Tumkur	15
Nelamangala	191	Tiptur	2
Ramanagara	51	Madhugiri	9
Chandapura	322	Kunigal	1
Magadi	96	Davangere	10
Kanakapura	67	Harihara	9
Kolar	41	Hiriyur	2
Chintamani	58	Chitradurga	5
KGF	26	**CTZ Total**	**53**
CB Pura	10		
BRAZ Total	**996**		
BRAZ & CTZ Total- 1049			

a. The locations and quantities are only tentative and may vary during execution of work.
b. In case of discrepancy in Quantities indicated in the Drawings and that specified in Price Schedule, actual Quantities indicated in Price Schedule to be followed.
c. During the execution of the Contract, the BESCOM reserves the right to increase or decrease the Quantities of items under the Contract without any change in unit Price or other Terms and Conditions. Such Variations shall not be subjected to any limitations for the individual items but the total Variation in all such items under the Contract shall be limited to a percentage of the Contract Price as specified in the General Conditions of Contract. **The BESCOM reserves the right to increase or decrease the Quantity not exceeding 25% of the Value of the fixed Price Contract. For quantity variation of individual items and Total Cost Variation, the matter shall be referred to the General Manager (Ele), Meter & Commercial, BESCOM.**
d. The Contractor shall be responsible for supply and fixing of such final quantities for completion of the work and they shall be paid for such finalized quantity at the unit rate indicated in the price schedule.
e. The Contract Price shall accordingly be adjusted based on the Unit Rates available in the Contract for the change in Quantities as above. The base Unit Rates, as identified in the Contract shall however remain constant during the currency of the Contract. In case the Unit Rates are not available for the change in Quantity, the same shall be subject to mutual agreement.

5.0 Salient features of the scope include, but not limited to the following:

a) Overall Project Management, Coordination.
b) The work award will be issued to the successful Bidder on total turnkey basis at the discretion of BESCOM.
c) All the released materials if not re-used shall be returned to the respective Divisional/Central Stores.
d) The Successful Bidder needs to prepare the site survey report and BOQ (Bill of Quantities) based on the estimation prepared by the Engineer in charge.
e) BESCOM shall validate, verify and approve the estimate prepared for the work and Bill of Quantity (BOQ)
f) Based on the approved estimate and finalized BOQ, the Successful Bidder shall source the materials as per BESCOM Technical Specification from the BESCOM approved vendor and carry out the implementation of the work order. If any discrepancy is noticed in approved estimates if found necessary at the time of execution due

to various reasons, shall be executed as per the instructions from the Engineer-in-charge.

g) Construction Environmental, Health & safety plan as per standards.
h) GTP of all the materials to be supplied as per standard specifications shall be submitted by the successful bidder for approval from the competent authorities of BESCOM.
i) The successful bidder shall procure and supply materials (except smart meter) from the BESCOM approved vendors as per IS/IEC/BESCOM approved specifications.
j) Any injury or loss to the life of human being/animals or damages to any Government/private property during the execution of work shall be on the account of successful Bidder and has to make good the damages. Claims arising out of injury or loss to the life or damages shall have to be borne and settled by the successful Bidder.
k) It is the responsibility of the successful bidder to carry out work in safe manner and at most utilization of safety equipment's.
l) The successful bidder has to abide by the prevailing standard safety policy.
m) The Working area shall be barricaded properly with MS sheet barricading. This is required for the safety of the traffic and the pedestrians. The successful bidder shall be responsible for any mishap which may occur on account of its not taking necessary precautionary measures. The barricades shall be fixed at work place before execution of the work. Required information regarding the work as specified shall be written on these barricading sheets.
n) Utilization of released good line materials for works wherever required.
o) Releasing of any existing equipment's/materials and returning the un-used released materials to the concerned O&M divisional stores of BESCOM at no extra cost.
p) All equipment's/materials shall be supplied by the awarded agency in accordance to the requirement of the work from time to time. Any material already supplied but not required for the work shall be taken back by the Agency.
q) The payment will be made only for the quantity used.
r) Co-ordination with BESCOM staff for overall works monitoring & supervision.
s) All necessary approvals of the concerned authorities are to be obtained before execution of the works by the successful bidder and necessary assistance will be rendered by the owner.
t) Restoration of the surface as per the requirements of the concerned authorities is also included in the scope of the work.

u) The equipment's/ materials supplied by the successful agency should be guaranteed for satisfactory performance as per the Guarantee Clause.

v) All the equipment's / materials to be supplied should have been type tested as per BESCOM specification / relevant IS/ IEC Standards and the validity of type test reports shall be as per CEA guidelines adopted in BESCOM.

w) The Schedule of materials furnished in the Price schedule are indicative for nature of works, it shall not be presumed that only these indicative materials are only to be supplied and utilized for the works. The estimates shall be prepared in most economical and safe way of executing the works as per the prevailing standards and any deviation from the standard practice; necessary approval from competent authority is to be obtained.

6.0 Bid Price:

a. The bidders shall quote only the percentage above or below or equal to the individual Schedule of material / labour charges on each item for the said work in the e-procurement portal of the respective enquiry price Schedule.

The percentage price shall be inclusive of the following:

i. The percentage quoted shall be, inclusive of all applicable duties, taxes and levies paid or payable on components, sub-assemblies and raw materials as applicable on the last day of submission of bid.
ii. Applicable CGST, SGST, IGST, levies, cess if any.
iii. Inland transportation charges including handling charges and other costs incidental to delivery of the goods to their final destination and insurance charges including all applicable taxes thereon.
iv. The cost of supply, releasing and fixing of smart energy meters including all applicable taxes thereon.

b. The prevailing rates of all applicable CGST, SGST, IGST, UTGST, Custom Duties on Imports, CESS if any shall be considered while quoting the percentage above or below or equal to the individual Schedule of material / labour on each item for the said work in the Karnataka Public Procurement portal of the respective enquiry price Schedule.

c. As the tender invited on quoting percentage above or below or equal to the individual Schedule of material and labour charges on each item, the successful bidder shall furnish the detailed break up for the

all the items under the scope of the contract, in the event of the order before issuing of the award. This break up shall be furnished in the following manner:

i. The price of the goods quoted ex-factory/ ex-works/ex-warehouse as applicable, inclusive of all duties, taxes and levies paid or payable on components, sub-assemblies and raw materials.
ii. Applicable CGST, SGST, IGST, UTGST, Custom Duties on Imports, levies, CESS if any which will be payable by the Owner on the Goods, if this Contract is Awarded.
iii. Inland transportation charges include handling charges and other costs incidental to delivery of the goods to their final destination and insurance charges including all applicable taxes thereon.
iv. The cost of fixing as well as associated works including all applicable taxes thereon.
v. The Bidder shall include CGST, SGST, IGST, UTGST, levies, surcharge / CESS etc., on erection as well as associated works as applicable in their break up price and BESCOM would not bear any additional liability on this account. BESCOM shall, however, deduct such tax at sources as per the rules and issue necessary Certificate to the Contractor.

d. BESCOM has invited the bid on Percentage basis equal percentage for individual items basis. The bidders are advised to quote only the percentage above or below the amount put to tender for the said work in the Price Schedule of the respective enquiry. While quoting, it is the responsibility of the bidder to consider the correct rates of duties, taxes and levies on the equipment/material/work prevailing at the time of bidding.
e. While awarding the Contract to the successful bidder, the approved percentage above or below the amount put to tender (or) amount for comparison (Estimated cost) will be uniformly applied to the computed rates of individual materials/items under the scope of the contract to arrive at the unit FORD price and thereby arriving the total contract price.
f. As the tender is floated on Total Turnkey basis, all the materials required for the work shall be under the scope of the successful bidder.
g. Bid Currency shall be exclusively in Indian Rupees. The bids offered in any other currency other than Indian currency would summarily be rejected.
h. The price shall be quoted on FIRM basis in accordance bid document.
i. In case of Award of Contract, a Single Works Contract covering Supply and Labour charges portion of the Fixed Price Contract will be issued to the successful Bidder.

(i) Applicable CGST, SGST, IGST, UTGST, Custom Duties on Imports, levies, CESS if any payable on supply of material / equipment,

component sub-assemblies, raw materials and any other items used for the contractor's consumption or dispatched directly to the site stores of the contractors, associated civil works and erection works shall be included in the total bid price and any such taxes, duties levies etc., additionally payable due to statutory variation or due to introduction of new tax or taxes, duties and levies not considered by the Bidder but payable as applicable on the date of bidding etc., shall be to the Bidder's account and no separate claim on this behalf shall be entertained by the owners either during the contractual period or during the extended period if any.

(ii) Materials supplied by the Bidder to the Owner: All applicable CGST, SGST, IGST, UTGST, Custom Duties on Imports, levies, CESS if any., in respect of all materials, under the contract shall be included in the total bid price, but they shall be indicated separately as mentioned in clause 11 supra.
Any such taxes, duties, levies etc., not considered by the Bidder but payable as applicable on the date of bidding shall be to Bidder's account and no separate claim on this behalf shall be entertained by the BESCOM.

(iii) Labour works: The applicable CGST, SGST, cess if any etc., shall be included in the price bid, and shall be indicated separately in price schedules as mentioned supra.
Any such taxes, duties, levies etc., not considered by the Bidder but payable as applicable on the date of bidding shall be to Bidder's account and no separate claim on this behalf shall be entertained by the BESCOM.

(iv) In case of any statutory variation in CGST, SGST, IGST, UTGST, levies, CESS if any or if any tax/ duty/levy is newly introduced by the government applicable for this contract with effect from the next day of the date of submission of the bid these variations/additional taxes/ duties/ levies will be to the account of the Owner. In case the Bidders indicate lesser rates of taxes & duties with reference to the prevailing rates of taxes & duties at the time of bidding, any variations in the taxes and duties would be paid/recovered keeping the rates of taxes & duties applicable as on the last date of Techno-Commercial Bid Submission as notified (either original or extended) as the base and not the quoted rates of taxes & duties for payment/recovery of difference in the taxes and duties. If the contractor is required to pay additional tax or duty, then the owner shall reimburse the contractor the additional tax or duty so paid by the contractor against submission of documentary evidence to the satisfaction of the owner by the contractor. If there is a reduction in the taxes/duties with effect from the next day of the date of submission of the bid, the individual item rates / contract price will be reduced to that extent or recovered from the bills due to the Contractor.

Note: Additional tax liability on account of change in the sources of the equipment/ materials, if any, will be to bidders account only.

j. The BESCOM will deduct Tax at Source as per applicable law from the proceeds payable to the Contractor. The bidder must be GST registered firm having GSTIN.
k. As regards the Income Tax, Surcharge on Income Tax and any other Corporate Tax, the BESCOM shall not bear any Tax liability whatsoever. The Bidder shall be liable and responsible for Payment of such Taxes as mandated under the provisions of the Law.
l. Notwithstanding anything stated in the tender documents, BESCOM shall have the right to make deduction at Source from the amounts payable to the Contractor against this Contract in respect of any Tax liability as may be Mandatory in terms of the Law. The BESCOM shall not bear any liability in this regard but shall issue necessary TDS Certificate in respect of such deductions made.
m. The Owner's liability for all taxes and duties under the contract shall be limited to only those indicated by the Bidder in the break up prices subject to the statutory variations and variations as per tender documents.
n. If the cost of the Contract during the performance of the contract shall be increased or reduced by reasons of the making, passing or promulgation of any law after the date of submission of bid or by any order, regulation or by-law having the force of law, the amount of such increase or reduction shall be added to or deducted from the 'Contract Price' as the case may be. It is the Bidder's responsibility to furnish details of taxes, duties, levies, etc. applicable as on the date of submission of the bid.
o. No Claim for any increase towards the Statutory Variation regarding enhancement of existing CGST, SGST, IGST, levies, cess if any or introduction of a new Tax or Duty applicable shall be entertained by the BESCOM during the extended period of Contract, if any, if the extension of the Contract is required due to the causes attributable to the Contractor.
p. Before quoting, the Bidder shall ascertain from the concerned Tax Authorities of Government of Karnataka/ Govt. of India, the applicability of CGST, SGST, IGST, UTGST, Custom Duties on Imports, levies, CESS if any etc., as on the last date of Techno-Commercial Bid Submission as notified (either original or extended) in respect of this Package and include the same in the quoted Price. No separate Claim in this regard will be entertained by the Owner, as it is the responsibility of the Bidder to pay all these Taxes.

Note: The successful bidder shall be entirely responsible for payment of all taxes, levies, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser. In respect of supply portion, the successful bidder shall pay all types of fees, levies, taxes, duties etc. required to be paid by any National or State statute, ordinance or

other law or any regulation or bye-law of any local or other duly constituted authority in relation to the execution of works and by the Rules and Regulations of all Public bodies and companies whose property or rights are affected or may be affected in any way of the works. The successful bidder shall in compliance with the above keep the Purchaser indemnified against all such penalties and liability of every kind for breach of any statute, ordinance or law, Regulation or bye-law. Nothing in the contract shall relieve the successful bidder from his responsibility to pay any tax that may be levied by the Government on the turnover / profits etc., made by him in respect of the contract.

q. As per the circular issued by BESCOM vide no: BESCOM/BC-49/GM(CT&GST)/AGM(CT&GST)/F-9/2018-19/CYS-34 Dt: 06.09.2018 consequent to the direction issued by Labour department, G.O.K, the building & other construction workers welfare cess at the rate of 1% of the amount of the Supply/Erection portion of the contract will be deducted from the bill at the time of making payment and such amount so deducted from the bill will be remitted to Karnataka State Building and other construction workers welfare board.
r. It is mandatory to furnish a return in Form-I to the concerned assessing officer in terms of section-4 of the building & other construction workers welfare CESS act, 1996 and its rules under 1998. The concerned Contractor shall furnish the aforesaid return to the concerned assessing officer.
s. Statutory Variation regarding increase/decrease of existing Taxes & Duties or introduction of a new tax or duty during the Contractual completion period would be to the account of Owner.
t. Price variation is not admissible for any items.
u. The quoted Prices for all the items shall remain fixed during the Performance of the Contract and shall not be subject to variation on any account.
v. Bid submitted with deviation to Clause 14.1 & 14.2 of GCC shall be treated as Non-responsive and rejected summarily.

7.0 Award Criteria:

a) The Owner will award the contract to the Successful Bidder whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. The BESCOM shall be the sole judge in this regard.

b) While awarding the Contract to the successful agency, the approved percentage above or below or equal to the Schedule of material/ labour rate will be uniformly applied on the Schedule of material/ labour of all the individual materials/ labour charges items

under the scope of the award to arrive the unit FORD price of individual materials/ items and based on these item wise fixed prices, the work award/ orders will be issued. However, the total cost of the item wise fixed price contract is awarded at the approved percentage on the amount put to tender.

c) In case of Award of Contract, a **Single Work Contract** covering supply, labour portion will be issued to the successful bidder.

d) Notwithstanding the above, if it is found that the performance vis – a - vis works awarded to the Bidder by BESCOM is either behind schedule or not satisfactory, BESCOM will be at liberty to disqualify the Bidder and reject its Bid at any stage of processing of the Bid.

e) Bidder shall note that BESCOM may not award the work to successful bidder , even if it is lowest quoted offer (L1), if in opinion of BESCOM based on its experience, the firm may not perform well in execution of work and may delay in execution because of its existing works on hand.

f) The Owner reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the BESCOM's action.

g) Prior to the expiration of the period of Bid Validity/ extended Validity Period, if any, the Owner will Notify the Successful Bidder in writing by Registered Letter and or by e-mail, that his Bid has been accepted.

h) The “Notification of Award” shall constitute the formation of the Contract.

i) Upon the Successful Bidder furnishing of Performance Guarantee pursuant to Clause 8.0 of ITB, the BESCOM will promptly notify each unsuccessful Bidder.

j) **At the same time as the Owner notifies the successful Bidder that his Bid has been accepted, the BESCOM will send the Bidder the Letter of Intent (LoI), incorporating all agreements between the Parties.**

k) Within 07 (Seven) days of receipt of the detailed Letter of Intent, the successful Bidder shall sign and date the same and return it to the Owner.

l) The Successful Bidder will prepare the Contract Agreement as per the Pro-forma enclosed at Annexure-VI and the same will be signed **within 07 (Seven) days of Notification of LoI**.

m) The Successful Bidder shall furnish Price break up details for all the materials along with the Contract documents as per tender conditions.

n) The Successful Bidder shall observe all the formalities stipulated in the LOA within the stipulated period failing which, BESCOM reserves the right to cancel the offer of the Bidder.

8.0 Contract Performance Guarantee:

1. As a Contract Performance Guarantee, the Successful Bidder, to whom the Work is awarded, shall be required to furnish the Performance Guarantee in the form of **Bank Guarantee** issued by a Public Sector Indian Bank/Scheduled Commercial Bank (in the second schedule of the RBI Act-1934) and the Bank should be covered under jurisdiction of Indian laws in the form attached as Annexure-III to this Volume-I in favor of **General Manager, Meter and Commercial, BESCOM, Bengaluru. The Contract Performance Guarantee amount shall be equal to Five percent (5%) of the Contract Value** and it shall guarantee the faithful Performance of the Contract in accordance with the Terms and Conditions specified in these Documents and Specifications. **The Guarantee shall be valid up to 90 days after the end of Warranty/ Guarantee Period**. The Contract Performance Guarantee for smart meter shall be valid for a period of 66 months of the project.

2. The Performance Guarantee shall cover additionally the following Guarantees to the Owner:

a) The Successful Bidder Guarantees the Successful and Satisfactory Operation of the Equipment in the Scope of the Contract, as per the Specifications and Documents;

b) The Successful Bidder further Guarantees that the Equipment provided by him/his sub-Vendors shall be free from all defects in Design, Material and Workmanship and shall upon written Notice from the Owner, fully remedy free of expenses to the Owner, such defects as developed under the normal use of the said Equipment within the period of Guarantee specified in the tender documents.

3. The Contract Performance Guarantee is intended to secure the Performance of the entire Contract. However, it shall not to be construed as limiting the “Damages” under Clause entitled "Equipment Performance Guarantee" in Technical Specifications, Volume-II and “Damages” stipulated in other Clauses in the Bid Documents.

4. The Performance Guarantee will be discharged without any interest at the end of Guarantee Period, unless otherwise specified in the tender documents.

5. Failure of the successful Bidder to comply with the requirement as per tender conditions shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid security and blacklisted the bidder, in such event BESCOM will call for new Bids.

9.0 Price Basis:

The price shall be quoted on FIRM basis.

10.0 Price Adjustment:

10.1 **Price variation is not admissible for any items.**

10.2 The quoted Prices for all the items shall remain fixed during the Performance of the Contract and shall not be subject to variation on any account.

SECTION – III

(VOLUME - I)

GENERAL TERMS & CONDITIONS OF CONTRACT (GCC)

A. INTRODUCTION

1.0 Definition of Terms:

1.1 '**The Contract**' means the **Agreement** entered into between BESCOM and Contractor as per the Contract Agreement signed by the Parties including all attachments and appendices there to and all Documents incorporated by reference therein.

1.2 'OWNER' shall mean the **Bangalore Electric Supply Company, Limited (BESCOM)** and shall include their Legal Representatives, Successors and Assigns.

1.3 '**Contractor**' shall mean the **Bidder** whose Bid will be accepted by the **BESCOM** for the Award of the Works.

1.4 **Bidder ‘**shall mean an individual bidder participating in the tender, who may be a registered sole proprietorship firm, a partnership firm or a company registered under companies act.

1.5 **'Engineer'** shall mean the Officer appointed in writing by the **BESCOM** to act as Engineer from time to time for the purposes of the Contract.

1.6 ‘**Consulting Engineer**’ shall mean any Firm or Persons duly appointed as such from time to time by the **BESCOM**.

1.7 The terms **‘Equipments’ ‘Stores’ and ‘Materials’** shall mean and include Equipment, Stores and Materials to be provided by the Contractor under the Contract.

1.8 ‘**Works**’ shall mean and include supplying of all the Equipment/Material and extending all Services, as per the Specifications and Complete Erection, Testing and Putting into Satisfactory Operation including all Transportation, Handling, Unloading and Storage at the Site as defined in the Contract.

1.9 '**Specifications**' shall mean the Specifications and Bidding Document forming a Part of the Contract and such other Schedules and Drawings as may be mutually agreed upon.

1.10 ‘**Site**' shall mean and include the Land and other places on, into or through which the Works and the related facilities are to be Erected or Installed and any adjacent Land, Paths, Street or Reservoir which may be allocated or used by the BESCOM or Contractor in the Performance of the Contract.

1.11 The term '**Contract Price**' shall mean **the awarded price at the approved percentage on the amount put to tender based percentage** quoted by the Contractor in his bid with additions and/or deletions as may be agreed and incorporated in the letter of award, for the entire scope of the works.

1.12 The term '**Equipment/ Material Portion**' of the Contract Price shall mean the Total Value of the Equipments including Freight & Insurance with all types of applicable Taxes such as CGST, SGST, IGST, UTGST. The Term ‘**Erection Portion**' of the Contract Price shall mean the Value of Field Activities of the Works including Erection, Testing and Putting into Satisfactory Operation including Successful Completion of Performance and Guarantee Tests to be performed at Site by the Contractor including Cost of Insurances.

1.13 ‘**Manufacturer’s Works’** or ‘Contractor’s **Works’**, shall mean the place of Work used by the Contractor for the Performance of the Contract.

1.14 **'Inspector'** shall mean the BESCOM or any Persons nominated by the BESCOM from time to time, to inspect the Equipment, Stores

or Works under the Contract and/or the duly Authorized Representative of the BESCOM.

1.15 **'Notice of Award of Contract'/'Letter of Award /Letter of Intent'** shall mean the Official Notice issued by the BESCOM notifying the Contractor that his Bid has been accepted.

1.16 '**Date of Contract**' shall mean the date on which Notice of Award of Contract/ Letter of Award has been issued.

1.17 **'Month'** shall mean the Calendar Month. **'Day'** or **'Days'** unless herein otherwise expressly defined shall mean Calendar Day or Days of 24 Hours each. '**A Week'** shall mean continuous period of Seven (7) Days.

1.18 '**Writing**' shall include any Manuscript, Type Written, Computer Generated or Printed Statement, under or over Signature and/or Seal, as the case may be.

1.19 When the words '**Approved', Subject to Approval', Satisfactory', 'Equal to', 'Proper', 'Requested', 'As Directed', Where Directed', 'When Directed', 'Determined by, 'Accepted', 'Permitted'**, or Words and Phrases of like importance are used, the Approval, Judgment, Direction etc is understood to be a function of the **BESCOM/Engineer.**

1.20 '**Test on Completion**' shall mean such Tests as prescribed in the Contract to be performed by the Contractor before the Work is taken over by the BESCOM.

1.21 **'Initial Operation'** shall mean the first Integral Operation of the Complete Equipment covered under the Contract with the Sub-System and Supporting Equipment in Service or available for Service.

1.22. **'Performance and Guarantee Test** 'shall mean all Operational checks and Tests required to determine and demonstrate Capacity, Efficiency, and Operating Characteristics as specified in the Contract Documents.

1.23 The term **'Final Acceptance/Taking Over'** shall mean the **BESCOM's** written acceptance of the Works performed under the Contract, after successful Commissioning/ Completion of Performance, Guarantee Tests as specified in the accompanying Technical Specification or other-wise agreed in the Contract.

1.24 **'Guarantee Period' / 'Maintenance Period'** shall mean the period during which the Contractor shall remain liable for Repair or Replacement of any defective Part of the Works performed under the Contract.

1.25 **'Latent Defects'** shall mean such defects caused by faulty Design, Material or Workmanship which cannot be detected during Inspection, Testing etc. based on the Technology available for carrying out such Tests.

1.26 **'Drawing', 'Plans'** shall mean all:

a) Drawings furnished by the BESCOM/ Consultant as a basis for Bid/ Proposals.

b) Supplementary Drawings furnished by the BESCOM/ Consultant to clarify and to define in greater detail the intent of the Contract.

c) Drawings submitted by the Contractor with his Bid, provided such Drawings are acceptable to the BESCOM/ Consultant.

d) Drawings furnished by the BESCOM/ Consultant to the Contractor during the progress of the Work; and

e) Engineering Data and Drawings submitted by the Contractor during the progress of the Work provided such Drawings are acceptable to the BESCOM/Consultant.

1.27 **'Codes'** shall mean the following, but not limited to, including the latest Amendments, and/or Replacements if any:

a. Indian Electricity Act, 2003 for further codes and Rules and Regulations made there under.
b. Indian Factory Act, 1948, and Rules and Regulations made thereunder.
c. Indian Explosive Act, 1884, and Rules and Regulations made thereunder.
d. Indian Petroleum Act, 1934, and Rules and Regulations made there under.
e. A.S.M.E. Test Codes.
f. A.I.E.E. Test Codes.
g. American Society of Materials Testing Codes.
h. Standards of the Indian Standards Institution.
i. Other Internationally approved Standards and/or Rules and Regulations touching the subject Matter of the Contract.

1.28 Words imparting the **Singular only** shall also include the **Plural** and vice-versa where the Context so requires.

1.29 Words imparting **'Persons'** shall include Firms, Companies, Corporation and Associations or Bodies of individuals, whether incorporated or not.

1.30 **"Bidding Documents"**: Means Information & Instructions, General Conditions of Contract, Special Conditions of Contract, Technical Specifications, Drawings and other Annexures included in Sections IFB, ITB, GCC, SCC, TS, DRS, BPS.

1.31 **"Tests on Completion":** Means the Tests that are prescribed in the Bidding Documents to be made before Materials are accepted by the BESCOM.

1.32 **"Destination"**: Means the Location where the Goods are specified to be delivered and where they will be accepted by the BESCOM.

1.33 **"Engineer":** Engineer means The General Manager (Elec), Meter & Commercial, Corporate Office, KR. Circle, Bangalore, BESCOM/ SE(El), C, O&M Circles/EE, C,O&M Division/AEE C,O&M Sub division, works unit/AE/JE of the section.

1.34 **"Owner's Representative"**: Mean General Manager (Ele), Meters & Commercial /O&M Divisional Engineers OR Any other Engineer who has been assigned with job.

1.35 "**Commissioning:** mean charging the Electrical equipment's at Rated Voltage after Completion of Erection, Testing and Completion of Pre-Commissioning checks.

1.36 The Term '**Services**' means Services Ancillary to the Supply of Goods such as Port Clearance, Transportation and Insurance and any other Incidental Services, such as Civil, Structural and Architectural Works, Erection, Testing and Commissioning and other such obligation of the Contractor covered under the Contract.

1.37 In addition to the above, the following definitions shall also apply:
a) '**All Equipment and Materials**' to be supplied shall also mean '**Goods**'.
b) **'Executed'** shall also mean **Completed & commissioned.**
c) **'Contract Performance Guarantee'** shall also mean **'Performance Guarantee'.**
d) 'Constructed' shall also mean 'Erected and Installed'.

1.38 Terms and Expressions not herein defined shall have the same meanings as are assigned to them in the Sale of Goods Act (1930), Indian Contract Act (1872) and General Clauses Act (1897) including Amendments thereof if any.

1.39 HT- means High Tension.

1.40 LT - means Low Tension.

1.41 Successful bidder/awarded agency/Contractor–means the bidder who has been selected by BESCOM, pursuant to the bidding process for award of contract.

1.44 PMA- Project Monitoring Agency

1.45 YEAR – means the Consecutive 12 months.

1.46 Successful operation: means the materials installed shall be in service & performing satisfactorily.

1.47 Boundary points- A point/junction at which boundary metering cubicles are to be installed for accounting the Energy in the feeder supplied.

2.0 Application:

These General Conditions shall apply to the extent that they are not superseded by Provisions in other Parts of the Contract.

3.0 Standards:

The Goods supplied under this Contract shall conform to the Standards mentioned in the Technical Specification and, when no applicable Standard is mentioned, to the authoritative Standard appropriate to the Goods and such Standards shall be the latest issued by the concerned Institution.

4.0 Contract Documents:

4.1 The term Contract Documents shall mean and include the following which shall be deemed to form an integral part of the Contract:

a) Invitation of Bid including letter forwarding the Bidding Documents, Instructions to Bidders, General Terms and Conditions of Contract, Erection Conditions of Contract, Special Conditions of Contract, and all other Documents included in the tender.
b) Specifications of the Equipment/ Material to be furnished and erected under the Contract as brought out in the accompanying Technical Specifications and Data Requirement Sheets.
c) Contractor's Bid Proposal and the Documents attached thereto including the Letters of Clarifications thereto between the Contractor and the BESCOM prior to the Award of Contract except to the extent of repugnancy.
d) All the Materials, Literature, Data and Information of any sort given by the Contractor along with his Bid, subject to the approval of the BESCOM.
e) Letter of Award and any agreed variations of the Conditions of the Documents and Special Terms and Conditions of Contract, if any.

4.2 In the event of any conflict between the above mentioned Documents, the matter shall be referred to the Engineer whose decision shall be considered as final and binding upon the Parties.

4.3 All the relevant Information/ Material furnished by the Contractor such as Specifications of Material/ Equipment, Design, Literature, Drawings or any other Data during the course of Contract will become the Property of the BESCOM and BESCOM will have full rights to use the same elsewhere.

5.0 Use of Contract Documents and Information:

5.1 The Contractor shall not, without the BESCOM's prior written consent, disclose the Contract, or any provision thereof, or any Specification, Plan, Drawing, Pattern, Sample or Information furnished by or on behalf of the BESCOM in connection therewith, to any Persons other than a Person employed by the Contractor in the Performance of the Contract. Disclosure to any such employed Persons shall be made in confidence and shall extend only so far, as may be necessary for purposes of such Performance.

5.2 The Contractor shall not, without the BESCOM's prior written consent, make use of any Document or information enumerated in various Contract Documents except for purpose of performing the Contract.

5.3 The Contractor shall not communicate or use in Advertising, Publicity, Sales Releases or in any other Medium, Photographs or other reproduction of the Works under this Contract, or descriptions of the Site, Dimensions, Quantity, Quality or other information, concerning the Works unless prior written permission has been obtained from the BESCOM.

5.4 Any Document, other than the Contract itself, enumerated in various Contract Documents, shall remain the property of the BESCOM and shall be returned (in all copies) to the BESCOM on Completion of the Contractor's Performance under the Contract, if so required by the BESCOM.

6.0 Construction of the Contract:

Notwithstanding anything stated elsewhere in the Bid Documents, the Single Works Contract covering Supply and Erection portion of the item wise fixed Price Contract will be issued to the successful Bidder.

7.0 Manner of Execution of Contract:

7.1 The Contract, unless otherwise agreed to, shall be signed within 07 days of the notification of the Letter Award, at the Office of the BESCOM at Bengaluru, on a date and time to be mutually agreed to. The Contractor shall provide for signing of the Contract, Performance Guarantee, appropriate Power of Attorney and other requisite Materials. In case the Contract is to be signed beyond the stipulated time, the Bid Security declaration submitted with the proposal shall be extended accordingly.

7.2 The Agreement shall be signed in Duplicate and the Contractor shall be provided with one signed copy and the BESCOM will retain the Original.

7.3 The Contractor shall provide free of Cost to the BESCOM, the Engineering Data, Drawings and Descriptive Materials submitted with the Bid, in at least 2 copies to form a part of the Contract immediately after issue of Letter of Award.

7.4 Subsequent to signing of the Contract, the Contractor at his own Cost shall provide the BESCOM with at least Fifteen (15) true Bounded Copies of Contract documents within thirty (30) days after the signing of the Contract.

8.0 Contract Quality Assurance:

i The Bidder shall include in his proposal the Quality Assurance Programme containing the overall Quality Management and Procedures which he proposes to follow in the Performance of the Works during various phases as detailed in relevant Clause of the General Technical Conditions.

ii At the time of Award of Contract, the detailed Quality Assurance Program to be followed for the execution of the Contract will be mutually discussed and agreed to and such agreed Program shall form a part of the Contract.

iii The Bidder shall clearly specify the list of Sub Vendors, not exceeding four (4) for each item, from whom the materials are being supplied. List of Sub-Vendors shall be furnished in Schedule-06 of Techno-Commercial Sheets. The Successful Bidder shall furnish the Qualifying Data of the Sub-Vendor and obtain the vendor approval of BESCOM if intends to buy materials other than BESCOM approved vendor.

9.0 Erection Tools and Tackles:

The Bidder, under a separate Schedule in his Proposal, shall include a list of all Special Equipment, Tools & Tackles etc. which he proposes to bring to Site for the purpose of Erection, Handling, Testing and Commissioning including Performance and Guarantee Tests of the Equipment. If any such Equipment is listed anywhere else in the Proposal and not specially mentioned in the above Schedule, it shall be deemed to have been included in the Bidder’s proposed Scope of Supply.

10.0 Brand Names:

The specific reference in these Specifications and Documents to any Material / Equipment by Brand Name, Make or Catalogue Number shall be construed as establishing Standards of Quality and Performance but not as limiting competition. However, Bidders may Offer other similar Material/ Equipment provided they meet the specified Standard, Design and Performance requirements. The Bidder shall furnish adequate Technical information about such alternative Material/Equipment to enable the BESCOM to determine its acceptability. The BESCOM shall be the sole judge on the acceptability or otherwise of such alternative Material / Equipment.

The Bidder shall note that Standards for Workmanship, Material and Equipment and reference to Brand Name, Catalogue Numbers Designated by the BESCOM in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute alternative Standards, Brand Name and/or Catalogue Numbers in its Bid, provided that it demonstrates to the BESCOM's satisfaction that the substitutions are substantially equivalent or superior to those Designed in the Technical Specification.

11.0 Effectiveness of Contract:

The Contract shall be considered as having come into force from the date of the Notification of **Letter of Award**/ Letter of Intent (as applicable) unless otherwise provided in the Notification of Award.

12.0 Patent Right and Royalties:

Royalties and Fees for Patents covering Materials, Articles, Apparatus, Devices, Equipment or Processes used in the Works shall be deemed to have been included in the Contract Price. The Contractor shall satisfy, all demands that may be made at any time for such Royalties or Fees and he alone shall be liable for any Damages or Claims for Patent infringements and shall keep the Owner indemnified in that regard. The Contractor shall, at his own Cost and expense, defend all Suits or Proceedings that may be instituted for alleged infringement of any Patents involved in the Works, and, in case of an Award of Damages, the Contractor shall pay for such Award. In the event of any Suit or other Proceedings instituted against the Owner, the same shall be defended at the Cost and expense of Contractor who shall also satisfy/comply with any Decree, Order or Award made against the Owner. But it shall be understood that no such Machine, Plant, Work, Material or Thing has been used by the Owner for any purpose or manner other than that for which they have been furnished and installed by the Contractor and specified under these Specifications. Final Payment to the Contractor by the Owner will not be made while any such Suit or

Claim remains unsettled. In the event any Apparatus or Equipment, or any Part thereof furnished by the Contractor, is in such Suit or Proceedings held to constitute infringement, and its use is enjoined, the Contractor shall at his option and at his own expense, either procure for the Owner, the right to continue the use by Owner of said Apparatus, Equipment or part thereof, replace it with non-infringing Apparatus or Equipment or modify it, so that it becomes non-infringing.

13.0 Engineer's Decision:

13.1 In respect of all matters which are left to the decision of the Engineer including the granting or with-holding of the Certificates, the Engineer shall, if required to do so by the Contractor, give in writing a decision thereon.

13.2 If, in the opinion of the Contractor, a decision made by the Engineer is not in accordance with the meaning and intent of the Contract, the Contractor may file with the Engineer, within fifteen (15) days after receipt of the decision, a written objection to the decision. Failure to file an objection within the allotted time will be considered as an acceptance of the Engineer's decision and the decision shall become final and binding.

13.3 It is the intent of the Agreement that there shall be no delay in the execution of the Works and the decision of the Engineer as rendered shall be promptly observed.

14.0 Power to Vary or Omit Work:

14.1 No Alterations, Amendments, Omissions, Suspensions or Variations of the Works (hereinafter referred to as '**Variation'**) under the Contract as detailed in the Contract Documents, shall be made by the Contractor except as directed in writing by the Engineer, but the Engineer shall have full powers, subject to the provisions hereinafter contained, from time to time, during the execution of the Contract, to issue Notice in writing to instruct the Contractor to make such Variation without prejudice to the Contract. The Contractor shall carry out such Variation and be bound by the same conditions as far as applicable as though the said Variations occurred in the Contract Documents. If any suggested Variations would, in the opinion of the Contractor, if carried out, prevent him from fulfilling any of his obligations or Guarantees under the Contract, he shall notify the Engineer thereof in writing and the Engineer shall decide forthwith whether or not, the same shall be carried out and if the Engineer confirms his instructions, the Contractor's obligations and Guarantees shall be modified to such an extent as may be mutually agreed to. Any agreed difference in Cost occasioned by any such

variation shall be added to or reduced from the Contract Price as the case may be.

14.2 In the event of Engineer requiring any Variation, a reasonable and proper Notice shall be given to the Contractor to enable him to Work his arrangement accordingly, and in cases where Goods or Materials are already prepared or any Design, Drawings or Pattern made or Work done requires to be altered, a reasonable and agreed Sum in respect thereof shall be paid to the Contractor.

14.3 In any case in which the Contractor has received instructions from the Engineer as to the requirement of carrying out the Alterations or Additions or Substitute which either then or later on, will, in the opinion of the Contractor, involve a Claim for additional Payment, the Contractor shall immediately and in no case later than thirty (30) days, after receipt of the instructions aforesaid and before carrying out the instructions, advise the Engineer to that effect. But the Engineer shall not become liable for the Payment of any charges in respect of any such Variations, unless the instructions for the Performance of the same shall be confirmed in writing by the Engineer.

14.4 If any variation in the Works results in reduction of Contract Price, the Parties shall agree, in writing, as to the extent of any change in the Price, before the Contractor proceeds with the Change.

14.5 In all the above cases, in the event of a disagreement as to the reasonableness of the said Sum, the decision of the Engineer shall prevail.

14.6 Notwithstanding anything stated above in this Clause, the Engineer shall have the full power to instruct the Contractor, in writing, during the execution of the Contract to vary the Quantities of the items or groups of items in accordance with the provision of Clause entitled 'Change of Quantity' in the tender. The Contractor shall carry out such Variations and be bound by the same conditions as though the said Variations occurred in the Contract Documents. However, the Contract Price shall be adjusted at the rates and the Prices provided for the Original Quantities in the Contract.

15.0 Assignment and Sub-letting of Contract:

For Components/ Equipment procured by the Contractor for the purposes of the Contract, after obtaining the written approval of the BESCOM, the Contractor's Purchase Specifications and Enquiries shall call for Quality Plans to be submitted by the Suppliers along

with their Proposals. The Quality Plans called for from the Vendors shall set out, during the various stages of Manufacture and Installation, the Quality Practices and Procedures followed by the Vendor's Quality Control Organization, the relevant reference Documents/ Standard used, acceptance level, inspection Documentation raised, etc. Such Quality Plans of the successful Vendors shall be discussed and finalized in consultation with the Engineer and shall form a part of the Contract between the Contractor and the Vendor. Within 3 weeks of the release of the Contracts for such Components, a copy of the same without Price details put together with detailed Purchase Specifications, Quality Plans and Delivery Conditions shall be furnished to the Engineer by the Contractor.

16.0 Packing, Forwarding and Shipment:

16.1 The Contractor, wherever applicable, shall after proper painting, pack and crate all Equipment in such a manner as to protect them from deterioration and Damage during Rail and Road Transportation to the Site and Storage at the Site till the time of Erection. The Contractor shall be held responsible for all Damages due to improper packing.

16.2 The Contractor shall notify the BESCOM of the date of each Shipment from his Works, and the expected date of arrival at the Site for the information of the BESCOM.

16.3 The Contractor shall also give all Shipping information concerning the weight, size and content of each packing including any other information the BESCOM may require.

16.4 The following Documents shall be sent by Registered Post to the BESCOM within 3 days from the date of Shipment, to enable the BESCOM to make progressive Payments to the Contractor.

i. Copies of the Contractor’s invoice showing NOA/ (LOA/LOI (AS APPLICABLE)) /DWA reference, Goods description, quantity, unit price, total amount.
ii. Packing list;
iii. Receipted LR;
iv. Manufacturer’s/Contractors guarantee certificate;
v. Material Inspection Clearance Certificate (MICC) for dispatch issued by the Owner or the Independent Agency appointed by the Owner and the Contractor’s factory inspection report.
vi. Insurance certificate ; and
vii. Certificate of Origin.

16.5 The Contractor shall prepare detailed packing list of all packages and containers, bundles and loose Material forming each and every Consignment dispatched to Site. The Contractor shall further be responsible for making all necessary arrangements for loading, unloading and other handling right from his Works up to the Site and also till the, Equipment/Material is erected, Tested and Commissioned. He shall be solely responsible for proper Storage and Safe Custody of all Equipment.

16.6 The Contractor shall apply in writing to the Owner for permission to deliver any equipment or Contractor's Equipment to the Site. No equipment or Contractor's Equipment may be delivered to the Site without the Owner's written permission in the form of Dispatch Instructions.

17.0 Co-Operation with other Contractors and Consulting Engineers:

The Contractor shall agree to co-operate with the BESCOM's other Contractors and Consulting Engineers and freely exchange with them such Technical information as is necessary to obtain the most efficient and economical Design and to avoid unnecessary duplication of efforts. The Engineer shall be provided with three copies of all correspondence addressed by the Contractor to other Contractors and Consulting Engineers of the BESCOM in respect of such exchange of Technical information.

18.0 No Waiver of Rights:

Neither the inspection by the BESCOM or the Engineer or any of their Officials, Employees, or Agents, nor any Order by the BESCOM or the Engineer for Payment of money or any Payment for or acceptance of the whole or any part of the Works by the BESCOM or the Engineer, nor any extension of time, nor any possession taken by the Engineer shall operate as a waiver of any provision of the Contract, or of any power herein reserved to the BESCOM or any right to Damages herein provided nor shall any waiver of any breach in the Contract be held to be a waiver of any other or subsequent breach.

19.0 Certificate not to affect right of BESCOM and liability of Contractor:

No interim Payment Certificate of the Engineer, nor any Sum paid on account by the BESCOM, nor any extension of time for execution of the Works granted by the Engineer shall affect or prejudice the rights of the BESCOM against the Contractor or relieve the Contractor of his obligation for the due Performance of the Contract, or be interpreted as approval of the Works done or of the Equipment furnished and no Certificate shall create liability for the BESCOM to

pay for alterations, amendments, variations or additional Works not Ordered, in writing, by the Engineer or discharge the liability of the Contractor for the Payment of Damages whether due, ascertained, or certified or not or any Sum against the Payment of which he is bound to indemnify the BESCOM, nor shall any such Certificate nor the acceptance by him of any Sum paid on account or otherwise affect or prejudice the rights of BESCOM against the Contractor.

20.0 Contract Price Adjustment:

The quoted Prices for all the items shall remain fixed during the Performance of the Contract and shall not be subject to variation on any account.

21.0 Risk Distribution for Contractor Supplied Equipments/Materials:

21.1 Transfer of the title in respect of equipment and materials supplied by the Contractor to the BESCOM pursuant to the terms of the Contract shall pass on to the BESCOM with negotiation of dispatch documents.

21.2 This Transfer of Title shall not be construed to mean the acceptance and the consequent "Taking Over" of equipment and materials. The Contractor shall continue to be responsible for the quality and performance of such equipment and materials and for their compliance with the specifications until "Taking Over" and the fulfillment of guarantee provisions of this Contract.

21.3 This Transfer of Title shall not relieve the contractor from the responsibility for all risks of loss or damage to the equipment and materials as specified under the clause entitled ‘insurance' of this section.

21.4 The Contractor shall be fully responsible for the safety of all the Equipments/ Materials while the same are under his custody as above until **“Taking Over”** by the BESCOM in accordance with tender documents.

22.0 Insurance:

22.1 The Contractor at his Cost shall arrange, secure and maintain all Insurance as may be pertinent to the Works and obligatory in terms of law to protect his interest and interests of the Owner against all perils detailed herein. The form and the limit of such Insurance as defined herein together with the under-writer in each case shall be acceptable to the Owner. However, irrespective of such acceptance, the responsibility to Maintain adequate Insurance Coverage at all time during the period of Contract shall be of Contractor alone. The Contractor's failure in this regard shall not relieve him of any of his Contractual responsibilities and obligations. The Contractor shall, however, be authorized to deal directly with Insurance Company or

Companies and shall be responsible in regard to maintenance of all Insurance covers. Further the Insurance should be in freely convertible Currency.

22.2 Any loss or damage to the equipment during handling, transportation, storage, erection, putting into satisfactory operation and all activities to be performed till the successful completion of commissioning of the equipment shall be to the account of the Contractor. The Contractor shall be responsible for preference of all claims and make good the damages or loss by way of repairs and/or replacement of the equipment, damaged or lost. The transfer to title shall not in any way relieve the Contractor of the above responsibilities during the period of contract. The Contractor shall provide the Owner with copies of all insurance policies and documents taken out by him in pursuance of the contract. Such copies of documents shall be submitted to the Owner immediately after such Insurance coverage. The Contractor shall also inform the Owner in writing at least sixty (60) Days in advance regarding the expiry /cancellation and/or change in any of such Documents and ensure revalidation, renewal etc. as may be necessary well in time.

22.3 The perils required to be covered under the Insurance shall include, but not be limited to fire and allied risks, miscellaneous accidents (Erection risks) Workman compensation risks, loss or Damage in transit, theft, pilferage, riot and strikes and malicious Damages, civil commotion, weather conditions, accidents of all kinds, etc. The Scope of such Insurance shall be adequate to cover the Replacement/ Reinstatement Cost of the Equipment for all risks up to and including delivery of Goods and other Costs till the Equipment is delivered at Site. The Insurance policies to be taken should be on replacement value basis and/or incorporating escalation Clause. Notwithstanding the extent of Insurance cover and the amount of Claim available from the underwriters, the Contractor shall be liable to make good the full replacement/ rectification value of all Equipment/Materials and to ensure their availability as per Project requirements.

22.4 All Costs on account of Insurance liabilities covered under the Contract will be on Contactor's account and will be included in Contract Price. However, the Owner/BESCOM may from time to time, during the pendency of the Contract, asks the Contractor in writing to limit the Insurance coverage, risks and in such a case, the Parties to the Contract will agree for a mutual settlement, for reduction in Contract Price to the extent of reduced Premium amount. The Contractor, while arranging the Insurance shall ensure to obtain all discounts on Premium that may be available for higher Volume or for reason of financing arrangement of the Project.

23.0 Delays by BESCOM or his Authorized Agents:

23.1 In case the Contractor's Performance is delayed due to any act of omission on the part of the BESCOM or his authorized Agents, then

the Contractor shall be given due extension of time for the Completion of the Works, to the extent such omission on the part of the BESCOM has caused delay, in the Contractor's Performance of the Contract. Regarding reasonableness or otherwise of the extension of time, the decision of the Engineer shall be final.

23.2 In addition, the Contractor shall be entitled to Claim demonstrable and reasonable compensation if such delays have resulted in any increase in Cost. The BESCOM shall examine the justification for such a request for Claim and if satisfied, the extent of compensation shall be mutually agreed depending upon the circumstances at the time of such an occurrence.

24.0 Demurrage, Wharf age, Etc.

All demurrage, wharf age, and other expenses incurred due to delayed clearance of the Material or any other reason shall be to the account of the Contractor.

25.0 Force Majeure:

25.1 Force Majeure is herein defined as any cause which is beyond the control of the Contractor or the BESCOM as the case may be, which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affects the Performance of the Contract, such as:

a) Natural Phenomena, including but not limited to Floods, Droughts, Earthquakes and Epidemics.

b) Acts of any Government, domestic or foreign, including but not limited to War declared or undeclared, Priorities, Guarantees, and Embargoes. Provided either Party shall, within fifteen (15) days from the occurrence of such a cause, notify the other in writing of such causes.

25.2 The Contractor or the BESCOM shall not be liable for delays in performing his obligations resulting from any Force Majeure cause as referred to and/or defined above. The date of Completion will subject to hereinafter provided, is extended by a reasonable time even though such cause may occur after Contractor's Performance of obligation has been delayed due to other causes.

25.3 **Bankruptcy:**

If the Contractor shall become bankrupt or otherwise insolvent or have a receiving Order made against him or compound with his Creditors, or being a Corporation commence to be wound up, not being a voluntary winding up for the purpose only of amalgamation/ reconstruction, or carry on its business under a receiver for the benefit of its Creditors or any of them, the BESCOM will be at liberty:

a) To terminate the Contract forthwith by Notice in writing to the Liquidator or Receiver or to any Persons in whom the Contract may become vested and to act in the manner Provide titled 'Contractor's Default Liabilities', as though the last mentioned Notice has been the Notice referred to in such Clause and the Equipment Materials and Works have been taken out of the Contractor's hands;
b) To give such Liquidator, Receiver, or other Persons the option of carrying out the Contract subject to his providing a Guarantee, for the due and faithful Performance of the Contract, up to an amount, to be determined by the BESCOM.

25.4 **Suspension of Work:**

The BESCOM reserves the right to suspend and reinstate execution of the whole or any part of the Works without invalidating the provisions of the Contract. Orders for suspension or reinstatement of the Works will be issued by the Engineer to the Contractor in writing. The time for Completion of the Works will be extended for a period equal to duration of the suspension.

Any necessary and demonstrable Cost incurred by the Contractor as a result of such suspension of the Works will be paid by the BESCOM, provided such Costs are substantiated to the satisfaction of the Engineer. The BESCOM shall not be responsible for any liabilities if suspension or delay is due to some default on the part of the Contractor or his Sub- Contractor.

25.5 **Contractor's Default:**

If the Contractor shall neglect to execute the works with due diligence and expediency or shall refuse or neglect to comply with any reasonable Order given to him, in writing by the Engineer in connection with the works or shall contravene the provisions of the contract, the Owner may give notice in writing to the Contractor to make good the failure/ neglect or contravention complained of. Should the Contractor fail to comply with the notice within thirty (15) days from the date of serving the notice, then and in such case the Owner shall be at liberty to employ other workmen and forthwith execute such part of the works as the Contractor may have neglected to do or if the Owner shall think fit, without prejudice to any other right he may have under the contract to take the work wholly or in part out of the Contractor’s hands and re-contract with any other persons or persons to complete the works or any part thereof and in that event the Owner shall have free use of all Contractor’s equipment that may have been at the time on the site in connection with the works without being responsible to the Contractor for fair wear and tear thereof and to the exclusion of any right of the Contractor over the same, and the Owner shall be entitled to retain and apply balance which may otherwise be due on the Contract by him to the Contractor, or such part of the works or of completing the works as the case may be. If the cost of completing the works or executing a part there of as aforesaid shall

exceed the balance due to the Contractor, the Contractor shall pay such excess amount. Such payment of excess amount shall be independent of the **Penalty** for delay, which the Contractor shall have to pay if the completion of works is delayed.

25.6 In addition, such action by the BESCOM as aforesaid shall not relieve the Contractor of his liability to pay Penalty for delay in Completion of Works as defined in tender documents.

25.7 Such action by the BESCOM as aforesaid the termination of the Contract under this Clause shall not entitle the Contractor to reduce the value of the Contract Performance Guarantee nor the time thereof. The Contract Performance Guarantee shall be valid for the full value and for the full period of the Contract including Guarantee period.

25.8 **Termination of Contract on BESCOM's Initiative:**

The BESCOM reserves the right to terminate the Contract either in part or in full due to reasons other than those mentioned under Clause entitled Contractor's Default. The BESCOM shall in such an event give fifteen (15) days' Notice in writing to the Contractor of his decision to do so. The Contractor, upon receipt of such Notice, shall discontinue the Work on the date and to the extent specified in the Notice, make all reasonable efforts to obtain cancellation of all Orders and Contracts to the extent they are related to the Work terminated and terms Satisfactory to the BESCOM. Stop all further Sub-Contracting or purchasing activity related to the Work terminated, and assist the BESCOM in Maintenance, Protection, and Disposition of the Works acquired under the Contract by the BESCOM.

In the event of such a termination the Contractor shall be paid the amount due to him for the work already under taken. If the Contractor is an individual or a Proprietary Concern and the individual or the proprietor dies and if the Contractor is a Partnership Concern and one of the Partners dies, then unless the BESCOM is satisfied that the legal Representatives of the individual Contractor or of the Proprietor of the Propriety Concern and in the case of Partnership, the surviving Partners, are capable of carrying out and completing the Contract, the BESCOM shall be entitled to cancel the Contract as to its incomplete part without being in any way liable to Payment of any compensation to the estate of deceased Contractor and/or to the Surviving Partners of the Contractor's Firm on account of the cancellation of the Contract except the amount which has already become due and payable. The decision of the BESCOM that the legal Representatives of the deceased Contractor or Surviving Partners of the Contractor cannot carryover and complete the Contract shall be final and binding on the Parties. In the event of such cancellation the BESCOM shall not hold the estate of the deceased Contractor and/or the Surviving

Partners of the Contractor's Firm liable to Damages for not completing the Contract.

25.9 **Delays in the Contractor's Performance:**

Delay by the Contractor in the Performance of his obligations under the Contract shall render the Contractor liable for any, or all of the following sanctions:

a. Forfeiture of his Performance Guarantee.
b. Imposition of Penalty and/or
c. Termination of Contract for default as detailed herein.

If, at any time during Performance of the Contract, the Contractor should encounter conditions impending timely delivery of the Goods and for Performance of Services, the Contractor shall promptly notify the BESCOM, in writing, of the fact of the delay, its likely duration and its cause(s). Upon receipt of the Contractor's request, the BESCOM shall evaluate the situation and may, at his discretion, extend the time for Performance, in which case the extension shall be ratified by an amendment to Notification of Award/Contract Agreement.

25.10 **Frustration of Contract:**

In the event of Frustration of the Contract because of supervening impossibility in terms of Section 56 of the Indian Contract Act, the Parties shall be absolved of their responsibility to perform the balance portion of the Contract, subject to provisions contained in sub-Clause 45.3 below.

In the event of non-availability or suspension of Funds for any reasons whatsoever (except for reason of willful or flagrant breach by the BESCOM) and or Contractor, then the Work under the Contract shall be suspended. Furthermore, if the BESCOM is unable to make Satisfactory, alternative arrangements for Financing to the Contractor in accordance with the terms of the Contract within three Months of the event, the Parties hereto shall be relieved from carrying out further obligations under the Contract treating it as Frustration of the Contract.

In the events referred above, the Parties shall mutually discuss to arrive at reasonable settlement on all issues including amounts due to either Party for the Work already done on "Quantum Merit" basis that shall be determined by mutual agreement between the Parties.

25.11 **Grafts and Commissions etc:**

Any Graft, Commission, Gift or advantage given, promised or Offered by or on behalf of' the Contractor or his Partner, Agent, Officers, Director, Employee or Servant or any one on his or their behalf in relation to the obtaining or to the execution of this or any other Contract with the BESCOM, shall in addition to any Criminal

liability which it may incur, subject the Contractor to the cancellation of this and all other Contracts and also to Payment of any loss or Damage to the BESCOM resulting from any cancellation. The BESCOM shall then be entitled to deduct the amount so payable from any money otherwise due to Contractor, under the Contract

26.0 Settlement of disputes/Law Governing of Contract:

26.1 The Contract, shall in all respects be constructed and governed according to Indian Laws

26.2 The **Courts of Bengaluru** shall have exclusive jurisdiction in all matters under this Contract.

26.3 If any action in Court is brought against the BESCOM or Engineer or an Officer or representative of the BESCOM, for the failure, omission or neglect on the part of the Contractor to perform any Acts, Matters, Covenants or things under the Contract, or for Damage or injury caused by the alleged omission or negligence on the part of the Contractor, his Agents, Representatives or his Sub-Contractors, or in connection with any Claim based on lawful demands of Sub-Contractors, Workmen, Suppliers or Employees, the Contractor shall in all such cases indemnify and keep the BESCOM, and the Engineer and/or his Representative, harmless from all losses, Damages, expenses or Decrees arising of such action.,

Any dispute(s) or difference(s) arising out of or in connection with the Contract shall, to the extent possible, be settled amicably between the Parties.

26.4 If any dispute or difference of any kind whatsoever shall arise between the BESCOM and the Contractor, arising out of the Contract for the Performance of the Works whether during the progress of the Works or after its Completion or whether before or after the termination, abandonment or breach of the Contract, it shall, in the first place, be referred to and settled by the Engineer, within a period of thirty (30) days after being requested by either Party to do so, shall give written Notice of his decision to the BESCOM and the Contractor.

26.5 Save as hereinafter provided, such decision in respect of every matter so referred shall be final and binding upon the Parties until the Completion of the Works and shall forthwith be given effect to by the Contractor who shall proceed with the Works with all due diligence.

26.6 During settlement of disputes and Court Proceedings, both Parties shall be obliged to carry out their respective obligations under the Contract.

SECTION – IV

(VOLUME-I)

ERECTION CONDITIONS OF CONTRACT (ECC)

1.0 GENERAL:

1.1 The following shall supplement the condition, already contained in the other parts of these Specifications and Document and shall

govern the, portion of the Work of this Contract to be performed at Site.

1.2 The Contractor upon signing of the Contract shall, in addition to a Project Coordinator, nominate another responsible Officer as his Representative at Site, suitably Designated for the purpose of overall responsibility and coordination of the Works to be performed at Site. Such Persons shall function from the Site Office of the Contractor during the pendency of Contract.

2.0 REGULATION OF LOCAL AUTHORITIES AND STATUTES:

2.1 The Contractor shall comply with all the Rules and Regulations of Local Authorities during the Performance of his field activities. He shall also comply with all labour laws including the Minimum Wages Act, 1948, the Payment of Wages Act and the Rules made there under in respect of any Employee or Workman employed or engaged by him or his Sub-Contractor.

2.2 All Registration and Statutory Inspection Fees, if any in respect of his Work pursuant to this Contract, shall be to the account of the Contractor. However any Registration/Statutory Inspection Fees lawfully payable under any Statutory Laws and its Amendments from time to time during Erection in respect of the Equipment, ultimately to be owned by the BESCOM, shall be to the account of the BESCOM. Should any such Inspection or Registration need to be rearranged due to the fault of the Contractor or his Sub-Contractors, the additional Fees to such Inspection and/or Registration shall be borne by the Contractor.

3.0 BESCOM'S LIEN ON EQUIPMENT:

The BESCOM shall have lien on all Equipment including those of the Contractor brought to the Site for the purpose of Erection, Testing and Commissioning of the Equipment to be supplied and erected under the Contract. The BESCOM shall continue to hold the lien on all such Equipment throughout the period of Contract. No Material bought to the Site shall be removed from the Site by the Contractor and or is Sub-Contractor without the prior written approval of the Engineer

4.0 INSPECTION, TESTING & INSPECTION CERTIFICATES:

4.1 The provision of the Clause entitled Inspection, Testing and Inspection Certificates under Technical Specification shall also be applicable to the Erection Portion of the Works. The Engineer shall have the right to re-inspect any Equipment though previously inspected and approved by him at the Contractor's Works before and after the same are erected at Site. If by the above inspection, the Engineer rejects any Equipment, the Contractor shall make good for such rejections either by replacement or Modification/ Repairs as may be necessary to the satisfaction of the Engineer. Such replacements will also include the replacements or re-execution of such of those Work of

other Contractors and/or Agencies which might have got Damaged or affected by the replacement or Re-Work done to the Contractor's Work.

4.2 The successful bidder shall give the inspection call letter in advance before 07 (seven) days from the schedule date of inspection to the General Manager (Elec), Meter & Commercial, BESCOM for inspection, which include date and place at which the material will be ready for inspection. After inspection of the material and conformity with the relevant standards, necessary dispatch instructions will be issued by the General Manager (Elec), Meter & Commercial, BESCOM.

4.3 The Owner or his Representative shall have the right to inspect and/or to Test the Goods to confirm their conformity to the Contract. The Owner will depute Engineers from BESCOM for inspecting the equipment's / materials. The Special Conditions of Contract and/or the Technical Specifications shall specify the Inspections and Tests the Owner requires to be done and the place where they are to be conducted. The BESCOM shall notify the Supplier/Contractor in writing on the identity of any Representatives authorized for these purposes.

4.4 The Inspection and Tests may be conducted on premises of the Supplier/Contractor or its Sub-Contractor at point of delivery and/or at the Goods final destination. When conducted on the premises of the Supplier/ Contractor/ his Sub-Contractor, all reasonable facilities and assistance including access to Drawings and Production Data shall be furnished to the Inspectors at no charge to the Owner.

4.5 Should any inspected or Tested Goods fail to conform to the Specifications, the BESCOM may reject them and the Supplier / Contractor shall either replace the rejected Goods or make all alterations necessary to meet Specification requirements free of Cost to the BESCOM. Should the Contractor/ his Sub-Supplier fails to Offer Materials/ Equipment for inspection on the specified date or the Materials fails during the Test, all the expenses incurred by the BESCOM for subsequent inspections should be borne by the Contractor.

4.6 The levy of re-inspection charges on the default firms when BESCOM Officers are deputed for 2nd time for inspection of materials/equipment which were not ready for inspection on first visit or materials rejected on first time as follows:

(a) Rs. 50,000/- per person, per day + GST prevailing/applicable on the day of inspection + any other Tax as per statutory requirement.

+

(b) Actual To & Fro charges by Air/Train/Bus. (as the case may be)

4.7 The BESCOM's reserves the right to inspect, Test and, where necessary, reject the Goods after the arrival of the Goods shall in no way be limited or waived for the reason that the Goods have been previously inspected, Tested and passed by the BESCOM or his Representative prior to/after the transportation of Goods.

4.8 Nothing in Clause 4.1 to 4.7 shall, in any way, release the Supplier / Contractor from any Warranty or other obligations under this Contract.

5.0 Notices:

5.1 Any Notice given by one Party to the other, pursuant to Contract, shall be sent in writing by Registered Post with Acknowledgement Due or E-mail. E-mail Notice shall be confirmed in writing to the address specified in the Contract.

5.2 Notice(s) shall be deemed to **have been duly and properly** served upon the Parties hereto, if sent by any of the above-mentioned methods to the address mentioned in the Contract.

5.3 A Notice shall be effective when issued by one of the above-mentioned modes or on the Notice's effective date, whichever is later.

6.0 ACCESS TO SITE AND WORKS ON SITE:

6.1 Suitable access to and possession of the Site shall be offered to the Contractor by the BESCOM in reasonable time.

6.2 In the execution of the Works, no Persons other than the Contractor or his duly appointed Representative, Sub-Contractor and Workman, shall be allowed to do Work on the Site, except by the special permission, in writing of the Engineer or his Representative.

7.0 CONTRACTOR'S SITE OFFICE ESTABLISHMENT:

The Contractor shall establish a Site Office at the Site and keep posted an authorized Representative for the purpose of the Contract. Any written Order or instruction of the Engineer or his duly authorized Representative shall be communicated to the said authorized Resident Representative of the Contractor and the same shall be deemed to have been communicated to the Contractor at his legal address.

8.0 CO-OPERATION WITH OTHER CONTRACTORS:

The Contractor shall Co-operate with all other Contractors or tradesmen of the BESCOM, who may be performing other Works, on behalf of the BESCOM and the Workmen who may be employed by the BESCOM and doing Work in the vicinity of the Works under the

Contract. The Contractor shall also arrange to perform his Work as to minimize, to the maximum extent possible, interference- with the Work of other Contractors and their Workmen. Any injury or Damage that may be sustained by the Employees of the other Contractors and the BESCOM, due to the Contractor's Work shall promptly be made good at the Contractor's own expense. The Engineer shall determine the resolution of any difference or conflict that may arise between the Contractor and the Workmen of the BESCOM in regard to their Work. If the Work of the Contractor is delayed because of any set of omission of another Contractor the Contractor shall have no Claim against the BESCOM on that account other than an extension of time for completing his Works.

The Engineer shall be notified promptly by the Contractor of any defects in the other Contractor's Works that could affect the Contractor's Works. The Engineer shall determine the Corrective Measures, if any, required rectifying this situation after inspection of the Works and such decision by the Engineer shall be binding on the Contractor.

9.0 DISCIPLINE OF WORKMEN:

The Contractor shall adhere to the disciplinary procedure set by the Engineer in respect of his Employees and Workmen at Site. The Engineer shall be at liberty to object to the presence of any Representative or Employee of the Contractor at the Site, if in the opinion of the Engineer such Employee has misconduct himself or is incompetent or negligent or otherwise undesirable and then the Contractor shall remove such a Persons objected to and provide in his place a competent replacement.

10.0 CONTRACTOR'S FIELD OPERATION:

10.1 The Contractor shall keep the Engineer informed, in advance, regarding his Field Activity Plans and Schedules for carrying out each part of the Works. An review of such Plan or Schedule or method of Work by in Engineer shall not relieve the Contractor of any of his responsibilities towards the field activities. Such reviews shall also not be considered as an assumption of any risk or liability by the Engineer or the BESCOM or any of his Representatives and no Claim of the Contractor will be entertained because of the failure or inefficiency of any such Plan or Schedule, or method of Work reviewed. The Contractor shall be solely responsible for the safety adequacy and efficiency of Plant and Equipment and his Erection methods.

10.2 The Contractor shall have the complete responsibility for conditions of the Work Site including the safety of all Persons employed by him or his Sub-Contractor and all the Properties under his custody during the Performance of the Work. This requirement shall apply continuously till the Completion of the Contract and shall not be limited to normal Working Hours. The construction review by the Engineer is not intended to include review of Contractor's safety

measures in, on or near the Work-Site and their adequacy or otherwise.

11.0 MAN POWER REPORT:

11.1 The Contractor shall submit to the Engineer, on the first day of every Month, a Man-Hour Schedule for the Month, detailing the Man-Hours Scheduled for the Month, skill-wise and area-wise.

11.2 The Contractor shall also submit to the Engineer, on the first day of every Month, a Man Power report of the previous Month detailing the number of Persons Scheduled to have been employed and actually employed, skill wise and the area of employment of such labour.

11.3 The Contractor shall perform safety drill/meeting every week to their labour/workers.

12.0 PHOTOGRAPHS AND PROGRESS REPORT:

12.1 The Contractor shall furnish three (3) Prints each to the Engineer or progress Photographs of the Work done at Site. Photographs shall be taken as and when indicated by the Engineer or his Representative. Photographs shall be adequate in size and number to indicate various stages of Erection. Each Photograph shall contain the date, the name of the Contractor and the title of the Photograph.

12.2 The above Photographs shall accompany the Monthly Progress Report detailing out the progress achieved on all Erection activities as compared to the Schedules. The report shall also indicate the reasons for the variance between the Scheduled and actual Progress and the action proposed for corrective measures, wherever necessary.

13.0 PROTECTION OF WORKS:

The Contractor shall have total responsibility for protecting his Works till it is finally taken over by the Engineer. No Claim will be entertained by the BESCOM or by the Engineer for any Damage or loss to the Contractor's Works and the Contractor shall be responsible for complete restoration of the Damaged Works to original conditions to comply with the Specification and Drawings, should any such Damage to the Contractor's Works occur because of any other Party not being under his supervision or control. The Contractor shall make his Claim directly with the Party concerned. If disagreement or conflict or dispute develops between the Contractor and the other Party or Parties concerned regarding the responsibility for Damages to the Contractor Works, the same shall be resolved as per the provisions of the Clause 7.0 above entitled "Cooperation with other Contractors". The Contractor shall not cause any delay in the repair of such Damaged Works because of any delay in the resolution of such dispute. The Contractor shall

proceed to repair the Work immediately and no cause thereof will be assigned pending resolution of such disputes.

14.0 EMPLOYMENT OF LABOUR:

14.1 The Contractor shall employ on the Work, only his regular skilled Employees with experience of his particular Work and in accordance with law.

14.2 All traveling expenses including provisions of all necessary transport to and from Site, lodging allowances and other Payments to the Contractor's Employees shall be the sole responsibility of the Contractor,

14.3 The hours of Work on the Site shall be decided by the BESCOM and the Contractor shall adhere to it. Working hours will normally be eight (8) hours per day - Monday to Saturday.

14.4 The Contractor's Employees shall wear identification badges while on Work at Site.

14.5 In case the BESCOM becomes liable to pay any Wages or Dues to the Labour or to any Government Agency under any of the provisions of the Minimum Wages Act, Workmen Compensation Act, Contract Labour (Regulation Abolition) Act or any other Law due to act of omission of the Contractor, the BESCOM may make such Payments and shall recover the same from the Contractor's bills.

15.0 FACILITIES TO BE PROVIDED:

15.1 **Electricity:**
The Contractor shall make his own arrangements for Electrical Power required for Construction purposes as well as for its Staff Labour Colony.

15.2 **Water:**
The Contractor shall make his own arrangement for the Water for Construction / Drinking purposes both at Site and for his Staff / Labour Colony.

15.3 **Site Office:**
The Contractor has to arrange the land for establishment of field Office, Workshop, Stores, assembling yard, etc., required for execution of the contract at his own cost.

16.0 FACILITIES TO BE PROVIDED BY THE CONTRACTOR:

16.1 **Tools, Tackles and Scaffoldings:**

The Contractor shall provide all the Construction Equipment, Tools, Tackles required for Erection, Stringing, Testing and Commissioning of the HT/LT, OH line /UG Cable Distribution Lines, HT Metering Cubicle, OD’s including all Equipments / Materials covered under the Contract. He shall submit a list of all such Materials to the Engineer before the commencement. These Tools and Tackles shall not be

removed from the Site without the written permission of the Engineer.

16.2 **Communication:**

The Contractor shall arrange to provide Communication facilities himself at Site.

16.3 **First-Aid:**

The Contractor shall provide necessary First-Aid facilities for all his Employees, Representatives and Workmen working at the Site. Enough number of Contractor's Personnel shall be trained in administering First Aid.

16.4 **Cleanliness:**

The Contractor shall be responsible for keeping the entire area allotted to him clean and free from rubbish, debris etc., during the period of Contract. The Contractor shall employ enough number of special Personnel to thoroughly clean his Work Area at least once in a day. All such rubbish and scrap Material shall be stocked or disposed in a place to be identified by the Engineer. Materials and Stores shall be so arranged to permit easy cleaning of the area. In areas where Equipment might drip oil and cause Damage to the floor surface, a Suitable protective cover of a flame resistant, Oil Proof sheet shall be provided to protect the floor from such Damage.

Similarly the Labour Colony, the Offices and the Residential areas of the Contractor's Employees and Workmen shall be kept clean and neat to the entire satisfaction of the Engineer. Proper Sanitary arrangements shall be provided by the Contractor, in the Work-areas, Office and Residential areas of the Contractor.

17.0 Obligations of the Contractor:

The Contractor shall, in accordance with the Contract, with due care and diligence, carry out the Works as per the scope of work defined in the Technical Specifications and within the specified Time for Completion. The Contractor shall also provide all necessary Contractor's equipment, superintendence, labour and all necessary facilities thereof.

The Contractor shall be deemed to have carefully examined the Bidding Documents, the Site and the existing installations, as applicable, and to have satisfied himself to the nature and character of the Work to be executed, the prevailing meteorological conditions as well as the local uses and conditions and any other relevant matters and details. Any information received from the Owner shall not in any way relieve the Contractor from his responsibility for supplying the Goods and executing his work in terms of the Contract, including all details and incidental work and supply of

accessories or apparatus which may not have been specifically mentioned in the Contract but are necessary for ensuring the complete installation and a safe and efficient operation of the associated distribution systems.

The Contractor shall comply with all laws in force in the Owner's country where goods are to be supplied and the Installation Services are to be carried out. The laws will include all national, provincial, municipal or other laws that affect the performance of the Contract and bind upon the Contractor. The Contractor shall indemnify and hold harmless the Owner from and against any and all liabilities, damages, claims, fines, penalties and expenses of whatever nature arising or resulting from the violation of such laws by the Contractor or its personnel, including the Sub-Contractors and their personnel.

18.0 LINES AND GRADES:

All the Works shall be performed to the Lines, Grades and Elevations indicated on the Drawings. The Contractor shall be responsible to locate and layout the Works. Basic Horizontal and Vertical Control Points will be established and marked by the Engineer at Site at suitable points. These points shall be used as Datum for the Works under the Contract. The Contractor shall inform the Engineer well in advance of the times and places at which he wishes to do Work in the area allotted to him so that suitable Datum Points may be established and checked by the Engineer to enable the Contractor to proceed with his Works. Any Work done without being properly located may be removed and/or dismantled by the Engineer at Contractor's expense.

19.0 FIRE PROTECTION:

19.1 The Work procedures that are to be used during the Erection shall be those, which minimize fire hazards to the extent practicable. Combustible Materials, Combustible Waste and rubbish shall be collected and removed from the Site at least once each day. Fuels, Oils and Volatile or inflammable Materials shall be stored away from the Construction and Equipment and Materials Storage areas in safe Containers. Un-treated Materials shall not at all be used at Site for any other purpose unless otherwise specified. If any such Materials are received with the Equipment at the Site, the same shall be removed and replaced with acceptable Materials before moving into the construction or Storage area.

19.2 Similarly Corrugated Paper Fabricated Cartons etc., will not be permitted in the Construction area either for Storage or for handling of Materials. All such Materials used shall be of Water proof and Flame Resistant type. All the other Materials such as Working Drawings, Plans etc. which are Combustible but are essential for the Works to be executed shall be protected against combustion resulting from Welding Sparks, Cutting Flames and other similar fire sources.

19.3 All the Contractor's Supervisory Personnel and sufficient number of Workers shall be trained for Fire Fighting and shall be assigned specific Fire Protection Duties. Enough of such trained Personnel must be available at the Site during the entire period of the Contract.

19.4 The Contractor shall provide enough Fire Protection Equipment of the types and number for the warehouses, Office, temporary structures, Labour Colony area etc. Access to such Fire Protection Equipment shall be easy and kept open at all times.

20.0 SECURITY:

The Contractor shall have total responsibility for all Equipment and Materials supplied by BESCOM in his Custody/Stores - Loose, Semi assembled and/or Erected by him at Site. The Contractor shall make Suitable Security arrangements including employment of Security Personnel to ensure the protection of all Materials, Equipment and Works from theft, fire, pilferage and any other Damages and loss. All Materials of the Contractor shall enter and leave the Project Site only with the written permission of the Engineer in the prescribed manner.

21.0 CONTRACTOR'S AREA LIMITS:

The Engineer will mark-out the boundary limits of access roads, Parking spaces, Storage and Construction areas for the Contractor and the Contractor shall not trespass the area not so marked out for him. The Contractor shall be responsible to ensure that none of his Personnel move out of the areas marked out for his Operations. In case of such a need for the Contractor's Personnel to Work out of the areas marked out for him, the same shall be done only with the written permission of the Engineer.

22.0 CONTRACTORS CO-OPERATION WITH THE BESCOM:

In case where the Performance of the Erection Work by the Contractor affects the Operation of the System facilities of the BESCOM, such Erection Work of the Contractor shall be Scheduled to be performed only in the manner stipulated by the Engineer and the same shall be acceptable at all times to the Contractor. The Engineer may impose such restrictions on the facilities provided to the Contractor such as Electricity, Water, etc., as he may think fit in the interest of the BESCOM and the Contractor shall strictly adhere to such restrictions and co-operate with the Engineer. It will be the responsibility of the Contractor to provide all necessary temporary Instrumentation and other Measuring Devices required during Start-up and Operation of the Equipment systems, which are erected by him.

BESCOM reserve the rights to appoint any private agency as Third Party Inspection Agency (TPIA) or depute any BESCOM officials to monitor the work & to conduct the inspection of materials at factory site/ erected or works executed by the contractor during contract period or warranty period. Any discrepancies found, such defects/discrepancies shall be attended by the Contractor without claiming any extra cost to the Owner, failing which the expenditure incurred towards attending the defects/observations/ discrepancies noticed by TPIA/BESCOM officials shall be deducted from the Contractor's account.

23.0 PRE-COMMISSIONING TRIALS AND INITIAL OPERATIONS:

The Pre-Commissioning Trials and Initial Operations of the Equipment erected by the Contractor shall be the responsibility of the Contractor as detailed in relevant Clauses in Technical Specification. The Contractor shall provide, in addition, Test Instruments, Calibrating Devices etc., and Labour required for successful Performance of these Trials. If it is anticipated that the above Test may prolong for a long time, the Contractor's Workmen required for the above Test shall always be present at Site during such Trials.

24.0 MATERIALS HANDLING AND STORAGE:

24.1 All the Equipment furnished under the Contract and arriving at Site shall be promptly received, unloaded, transported and stored in the Storage spaces by the Contractor.

24.2 Contractor shall be responsible for examining all the shipment and notify the Engineer immediately of any Damage, shortage, discrepancy etc., for the purpose of Engineer's information only. The Contractor shall submit to the Engineer every week a report detailing all the receipts during the week. However, the Contractor shall be solely responsible for any shortages or Damage in transit, handling and/or in Storage and Erection of the Equipment at Site. Any demurrage, wharfage and other such charges Claimed by the Transporters, Railways etc., shall be to the account of the Contractor.

24.3 The Contractor shall maintain an accurate and exhaustive record detailing out the list of all Equipment received by him for the purpose of Erection and keep such record open for the inspection of the Engineer-charge.

24.4 All Equipment/materials stored shall be properly protected to prevent damage either to the Equipment or to the floor where they are stored.

24.5 The Contractor shall ensure- that all the packing Materials and Protection Device used for the various Equipment/Material transit and Storage are removed before the Equipment are installed.

24.6 The Consumables and other Supplies likely to deteriorate due to Storage must be thoroughly protected and stored in a Suitable manner to prevent Damage or deterioration in Quality by Storage.

24.7 All the Materials stored in the open or dusty location must be covered with Suitable Weatherproof and Flame proof covering Materials wherever applicable.

24.8 If the Materials belonging to the Contractor are stored in areas other than those earmarked for him, the Engineer will have the right to get it moved to the area earmarked for the Contractor at the Contractor's Cost.

24.9 The Contractor shall be responsible for making Suitable indoor Storage facilities to store all Equipment which require indoor Storage, normally, all the Electrical Equipment such as, Conductor Accessories, Cable accessories, Hardware Materials etc, shall be stored in the closed Storage space. The Engineer, in addition, may direct the Contractor to move certain other Materials, which in his opinion will require indoor Storage, to Storage areas, which the Contractor shall strictly comply with.

25.0 CONSTRUCTION MANAGEMENT:

25.1 The Field activities of the Contractors Working at Site will be coordinated by the Engineer and the Engineer's decision shall be final in resolving any disputes or conflicts between the Contractor and other Contractors and Tradesmen of the BESCOM regarding scheduling and coordination of Work. Such decision by the Engineer shall not be a cause for extra compensation or extension of time for the Contractor.

25.2 The Engineer shall hold Weekly Meetings of all the Contractors working at Site, at a time and place to be designated by the Engineer. The Contractor shall attend such Meetings and take notes of discussions during the Meeting and the decision in performing his Works. In addition to the above Weekly Meeting, the Engineer may call for other Meeting, either with individual Contractors or with selected number of Contractors and in such a case the Contractor if called, will also attend such Meeting.

25.3 Time is the essence of the Contract and the Contractor shall be responsible for Performance of his Works in accordance with the specified Construction Schedule. If at any time, the Contractor is falling behind the Schedule, he shall take necessary action to make good for such delays by increasing his Work Force or by Working overtime or otherwise accelerate the progress of the Work to

comply with the Schedule and shall communicate such actions in writing to the Engineer, satisfying that his action will compensate for the delay. The Contractor shall not be allowed any extra compensation for such action.

25.4 The Engineer shall, however, not be responsible for provision of additional Labour and/or Materials or Supply or any other Services to the Contractor except for the Co-ordination Work between various Contractors as set out earlier.

26.0 FIELD OFFICE RECORDS:

The Contractor shall maintain, at his Site Office, up to date copies of all Drawings, Specifications and other Contract Documents and any other supplementary Data complete with all the latest revisions thereto. The Contractor shall also maintain, in addition, the continuous record of all changes to the above Contract Documents, Drawing, Specifications, supplementary Data, etc., effected at the field and on completion of his total assignment under the Contract shall incorporate all such changes on the Drawings and other Engineering Data to indicate as installed conditions of the Equipment furnished and erected under the Contract, such Drawings and Engineering Data shall be submitted to the Engineer in required number of copies.

27.0 CONTRACTORS MATERIALS BROUGHT ON TO SITE:

27.1 The Contractor shall bring to Site all Equipment, Components, Parts, Materials, including. Construction Equipment, Tools and Tackles for the purpose of the Works under intimation to the Engineer. All such Goods shall, from the time of their being brought, vest with the BESCOM, but may be used for the purpose of the Works only and shall not on any account be removed or taken away by the Contractor without the written permission of the Engineer. The Contractor shall nevertheless be solely liable and responsible for any loss or destruction thereof and Damage, thereto.

27.2 The BESCOM shall have a lien on such Goods for any Sum or Sums which may, at any time, be due or owing to him by the Contractor, under, in respect of or by reasons of the Contract. After giving fifteen (15) days' Notice in writing of his intention to do so, the BESCOM shall be at liberty to sell and dispose of any such Goods, in such manner as he shall think fit including Public Auction or Private Treaty and to apply the proceeds in or towards the satisfaction of such Sum or Sum due as aforesaid.

27.3 After the Completion of the Works, the Contractor shall remove from the Site under the direction of the Engineer the Materials Such as construction Equipment, Erection Tools and Tackles, with the written permission of the Engineer. If the Contractor fails to remove such Materials, within fifteen (15) days of issue of the Notice by the Engineer to do so, then the Engineer shall have the liberty to

dispose of such Materials as detailed under Clause 24.2 above and credit the proceeds there to the account of the Contractor.

28.0 PROTECTION OF PROPERTY AND CONTRACTOR'S LIABILITY:

28.1 The Contractor shall be responsible for any Damage resulting from his Operations. He shall also be responsible for protection of all Persons including Members of Public and Employees of the BESCOM and the Employees of other Contractors and Sub-Contractors and all Public and Private Property including Structures, Building, other Plants and Equipments and utilities either above or below the ground.

28.2 The Contractor will ensure provision of necessary safety Equipment such as Barriers, Signboards, Warning Lights and Alarms, etc., to provide adequate protection to Persons and Property. The Contractor shall be responsible to give reasonable Notice to the Engineer and the BESCOM of Public/Private Property and Utilities when such Property and Utilities are likely to get damaged or injured during the Performance of his Works and shall make all necessary arrangements with such BESCOMs related to removal and or replacement or protection of such Property and Utilities.

29.0 PAINTING:

All exposed Metal parts of the Equipment including Piping, Structures, Railing etc., wherever applicable, after Installation, unless otherwise surface protected, shall be first painted with at least one coat of suitable Primer which matches the Shop Primer Paint used, after thoroughly cleaning all such parts of all dirt, rust, scales, grease, oil and other foreign Materials by wire brushing, scrapping or Sand Blasting and the same being inspected and approved by the Engineer for painting. Afterwards, the above Parts shall be painted with two coats of allowed Resin Machinery Enamel paints. The Quality of the finish Paint shall be as per the Standards of ISI or equivalent and shall be of the Colour as approved by the Engineer.

30.0 Workmen's Compensation Insurance:

This Insurance shall protect the Contractor against all Claims applicable under the Workmen's Compensation Act, 1948. This Policy shall also cover the Contractor against Claims for injury, disability, disease or death of his or his Sub-Contractor's Employee, which for any reason are not covered under the Workmen's compensation Act, 1948. The liabilities shall not be less than:

Workmen's compensation	-	As per statutory provisions
Employee's liability	-	As per statutory provisions

31.0 Comprehensive General Liability Insurance:

31.1 The Insurance shall protect the Contactor against all Claims arising from injuries, disabilities, disease or death of members of Public or Damage to Property of others, due to any act or omission on the part of the Contractor, his Agents, his Employees, his Representatives and Sub-Contractors or from riots, strikes and Civil commotion. This Insurance shall also cover all the liabilities of the Contractor arising out of the tender documents.

31.2 The hazards to be covered will pertain to all the Works hazards where the Contractor, his Sub-Contractors, his Agents and his Employees have to perform Work pursuant to the Contract.

31.3 The above are only illustrative list of Insurance Covers normally required and it will be the responsibility of the Contractors to maintain all necessary Insurance coverage to the extent both in time and amount to take care of all his liabilities either direct or indirect, in pursuance of the Contract and statutory requirements applicable in India.

32.0 UNFAVORABLE WORKING CONDITIONS:

The Contractor shall confine his entire field Operations to those, which can be performed without subjecting the Equipment and Materials to adverse effects, during inclement Weather conditions, like Monsoon, Storms, etc and during other unfavorable Construction conditions. No Field activities shall be performed by the Contractor under conditions that might adversely affect the Quality and efficiency thereof, unless special precautions or Measures are taken by the Contractor in a proper and Satisfactory manner in the Performance of such Works and with the concurrence of the Engineer. Such unfavourable Construction conditions will, in no way, relieve the Contractor of his responsibility to perform the Works as per the Schedule.

33.0 PROTECTION OF MONUMENTS AND REFERENCE POINTS:

The Contractor shall ensure that any finds such as Relic, Antiquity, Coins, Fossils, etc which he may come across during the course of Performance of his Works, either during excavation or elsewhere, are properly protected and handed over to the Engineer. Similarly the Contractor shall ensure that the Benchmarks, Reference points, etc which are marked either with the help of Engineer or by the Engineer shall not be disturbed in way during the Performance of his Works. If any Work is to be performed, which disturb such reference, the same shall be done only after these are transferred to other suitable locations under the direction of the Engineer. The Contractor shall provide all necessary Materials and assistance for such relocation of Reference points etc,

34.0 WORK & SAFETY REGULATIONS:

34.1 The Contractor shall ensure proper safety of all the Workmen, Materials, Plant and Equipments belonging to him or to BESCOM or to others working at the Site. The Contractor shall also be responsible for provision of all safety Notices and safety Equipment required both by the relevant Legislation and the Engineer, as he may deem necessary.

34.2 The Contractor will notify well in advance to the Engineer of his intention to bring to the Site any Container filled with Liquid or Gaseous Fuel or Explosive or Petroleum substance or such Chemicals, which may involve hazards. The Engineer shall have the right to prescribe the conditions, under which such Container to be stored, handled and used during the Performance of the Works and the Contractor shall strictly adhere to and comply with such instructions. The Engineer shall have the right, at his sole discretion, to inspect any such Container or such Construction Plant/Equipment for which Material in the Container is required to be used and if in his opinion, its use is not safe, he may forbid its use. No Claim due to such prohibition shall be entertained by the BESCOM and the BESCOM shall not entertain any Claim of the Contractor towards additional safety provisions/ conditions to be provided for/constructed as per the Engineer's instructions. Further, any such decision of the Engineer shall not, in any way, absolve the Contactor of his responsibilities and in case, use of such a Container or entry thereof into the Site area is forbidden by the Engineer, the Contractor shall use alternative methods with the approval of the Engineer without any cost implication to or extension of Work Schedule.

34.3 Where it is necessary to provide and/or store Petroleum products or Petroleum Mixtures and Explosives, the Contractor shall be responsible for carrying out such provision and/or Storage in accordance with the Rules and Regulations laid down in Petroleum Act 1934, Explosives Act, 1948, and Petroleum and Carbide of Calcium Manual published by the Chief Inspector of Explosives of India. All such Storage shall have prior approval of the Engineer. In case, any approvals are necessary from the Chief Inspector (Explosives) or any Statutory Authorities, the Contactor shall be responsible for obtaining the same.

34.4 All Equipment used in Construction and Erection by Contractor shall meet Indian/ International Standards and where such Standards do not exist, the Contractor shall ensure these to be absolutely safe. All Equipments shall be strictly Operated and Maintained by the Contractor in accordance with Manufacturer's Operation Manual and Safety instructions and as per Guidelines/ Rules of BESCOM in this regard.

34.5 Periodical Examinations and all Tests for all Lifting/ Hoisting Equipment and Tackles shall be carried out in accordance with the relevant provisions of Factories Act 1948, Indian Electricity Act 1910

and Associated Laws/Rules in force from time to time. A register of such examinations and Tests shall be properly maintained by the Contractor and will be promptly produced as and when desired by the Engineer or by the Persons authorized by him.

34.6 The Contractor shall provide Suitable safety Equipment of prescribed Standard to all Employees and Workmen according to the need, as may be directed by the Engineer who will also have right to examine these safety Equipment to determine their suitability, reliability, acceptability and adaptability.

34.7 Where Explosives are to be used, the same shall be used under the direct control and supervision of an expert, experienced, qualified and competent Person, strictly in accordance with the Code of Practices/Rules framed under Indian Explosives Act pertaining to handling, Storage and use of Explosive.

34.8 The Contractor shall provide safe Working conditions to all Workmen and Employees at the Site including safe means of Access, Railings, Stairs, Ladders, Scaffoldings etc. The Scaffoldings shall be erected under the control and supervision of experienced and competent Persons. For Erection, good and Standard Quality of Material only shall be used by the Contractor.

34.9 No Electric line/Cable in use by the Contractor/BESCOM will be disturbed without prior permission. No weight of any description will be imposed on any line/Cable and no Ladder or similar Equipment will rest against or attached to it.

34.10 No repair Work shall be carried out on any Live Equipment. The Equipment must be declared ‘Safe’ by the Engineer and a ‘Permit to Work’ shall be issued by the Engineer before any repair Work is carried out by the Contractor. While working on Electric Lines/Equipments whether Live or dead, suitable type and sufficient Quantity of Tools will have to be provided by Contractor to Electricians/ Workmen/ Officers.

34.11 The Contractor shall Employee necessary number of qualified, full time Electricians/Electrical Supervisors to maintain his temporary Electrical Installations.

34.12 The Contractor employing more than 50 Workmen whether temporary, Casual, Probationer, Regular or Permanent or on Contract, shall employ at least one full time Officer exclusively as Safety Officer to supervise safety aspects of the Equipment and Workmen, who will coordinate with the Project Safety Officer. In case of Work being carried out through Sub-Contractors, their Workmen/Employees will also be considered as the Contractor's Employees/Workmen for the above purpose. The name and address of such Safety Officer of Contractor will be promptly informed in writing to Engineer with a copy to Safety Officer In charge before he

starts Work or immediately after any change of the incumbent is made during currency of the Contract.

34.13 In case any accident occurs during the Construction/ Erection or other associated activities undertaken by the Contractor, thereby causing any minor or major or fatal injury to his Employees due to any reason, whatsoever, it shall be the responsibility of the Contractor to promptly inform the same to the Engineer in prescribed form and also to all the Authorities envisaged under the applicable Laws.

34.14 The Engineer shall have the right, at his sole discretion, to stop the Work, if in his opinion the Work is being carried out in such a way that it may cause accidents and endanger the Safety of the Persons and/or Property, and/or Equipments. In such cases, the Contractor shall be informed in writing about the nature of hazards and possible injury/accident and he shall comply to remove the Short-comings promptly. The Contractor after stopping the specific Work can, if felt necessary, appeal against the Order of stoppage of Work to the Engineer within 3 days of such stoppage of Work and decision of the Engineer in this respect shall be conclusive and binding on the Contractor.

34.15 The Contractor shall not be entitled for any Damages/ compensation for stoppage of Work due to safety reasons as provided in the tender documents and the period of such stoppage of Work will not be taken as an extension of time for Completion of Work and will not be the ground for waiver of Levy of Penalty/Liquidated Damages.

34.16 It is Mandatory for the Contractor to observe during the execution of the Works, requirements of Safety Rules which would generally include but not limited to following:

a) Each Employee shall be provided with initial indoctrination regarding safety by the Contractor, so as to enable him to conduct his Work in a safe manner.

b) No Employee shall be given a new assignment of Work unfamiliar to him without proper introduction as to the hazards incident thereto, both to himself and his fellow Employees.

c) Under no circumstances shall an Employee hurry or take unnecessary chance when working under hazardous conditions.

d) Employees must not leave naked fires unattended. Smoking shall not be permitted around Fire prone areas and adequate Fire Fighting Equipment shall be provided at crucial locations.

e) Employees under the influence of any intoxicating beverage, even to the slightest degree, shall not be permitted to remain at Work.

f) There shall be a suitable arrangement at every Work Site for rendering prompt and sufficient First Aid to the injured.

g) The Staircases and Passageways shall be adequately lighted.

h) The Employees when working around moving Machinery must not be permitted to wear loose garments. Safety shoes are recommended when working in shops or places where Materials or Tools are likely to fall. Only experienced Workers shall be permitted to go behind guardrails or to clean around energized or moving Equipment.

i) The Employees must use the Standard Protection Equipment intended for each job. Each piece of Equipment shall be inspected before and after it is used.

j) Requirements of ventilation in underwater working to licensed and experienced divers, use of gum boots for working in slushy or in inundated conditions are essential requirements to be fulfilled.

k) In cases of rock excavation, blasting shall invariably be done through licensed blasters and other precautions during blasting and Storage/transport of charge Materials shall be observed strictly.

34.17 The Contractor shall follow and comply with all BESCOM Safety Rules, relevant provisions of applicable Laws pertaining to the Safety of Workmen, Employees, Plant and Equipment as may be prescribed from time to time without any demur, protest or contest or reservation. In case of any discrepancy between Statutory requirement and BESCOM Safety Rules referred above, the later shall be binding on the Contractor unless the Statutory provisions are more stringent.

34.18 If the Contractor fails in providing Safe Working environment as per BESCOM Safety Rules or continues the Work even after being instructed to stop Work by the Engineer as provided in Clause 30.13 above, the Contractor shall promptly pay to BESCOM, on demand by the BESCOM, compensation at the rate of Ps. 5,000/- per day or part thereof till the instructions are complied with and so certified by the Engineer. However, in case of accident taken place, causing injury, to any individual, the provisions contained in Clausea 30.19 shall also apply in addition to compensation mentioned in this Para.

34.19 If the Contractor does not take all safety precautions and/or fails to comply with the Safety Rules as prescribed by BESCOM or under the applicable Law for the safety of the Equipment and Plant and for the safety of Personnel and the Contractor does not prevent hazardous conditions which cause injury to BESCOM Employees or any other Persons who are at Site or adjacent thereto, the Contractor shall be responsible for Payment of compensation to BESCOM as per the following Schedule:

a) Fatal injury or	Rs. 1,00,000/-	These are

accident causing death	per Person	applicable for death / injury to any Person as applicable
b) Major injuries or accident causing 25% or more permanent disablement to Workmen or Employees	Rs. 20,000/- per Person	These are applicable for death / injury to any Persons as applicable

34.20 Contractor shall be solely responsible for all accidents to persons employed by him or any other persons which may arise in the execution of the works.

34.21 Permanent disablement shall have same meaning as indicated in Workmen's Compensation Act. The Compensation mentioned above shall be in addition to the compensation payable to the Workmen/ Employees under the relevant provisions of the Workmen's Compensation Act and Rules framed there under or any other applicable Laws as applicable from time to time. In case the BESCOM is made to pay such compensation then the Contractor is liable to reimburse the BESCOM such amount in addition to the compensation indicated above.

35.0 CODE REQUIREMENTS:

The Erection requirements and Procedures to be followed during the Installation of the Equipment shall be in accordance with the relevant Codes and accepted good Engineering Practice, the Engineer's Drawings and other applicable Indian recognized Codes and Laws and Regulations of the Government of India.

36.0 Labour and Environment Protection law:

Copy of Labour and Environment Protection law is enclosed in PDF format.

37.0 “Fraud and Corruption:

It is the BESCOM’s policy to require that bidders observe the highest standard of ethics during the selection and execution of such contracts. In pursuance of this policy, BESCOM:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) “corrupt practice” is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

(ii) “fraudulent practice” is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;

(iii) “collusive practices” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;

(iv) “coercive practices” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(v) “obstructive practice”

(aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede BESCOM’s investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or

(bb) acts intended to materially impede the exercise of BESCOM’s inspection and audit rights.

(b) will reject a proposal for award if it determines that the Contractor recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;

(c) will sanction a bidder, including declaring ineligible, either indefinitely or for a stated period of time, to be awarded a BESCOM contract if it at any time determines that the bidder has, directly or through an agent, engaged “

(VOLUME –1)

SPECIAL CONDITIONS OF CONTRACT (SCC)

1.1 Statutory Clearances and Way leave:

a) The construction of HT/LT lines shall be as per established code of practice and fulfill the requirements of statutes. Obtaining all statutory clearances from other utility services, like telephones, water supply, power supply, Railways, National highways, City Corporations, Town Municipalities, etc, for right of way for constructing/laying the HT/LT lines shall be the responsibility of the successful bidder.

All necessary approvals of the concerned authorities are to be obtained before execution of the works by the successful bidder and necessary assistance will be rendered by the owner.

The civic /national highways/ traffic/ Forest/ defense authorities /Railway/ Telephones/ Water supply/ Electrical Inspectorate/ City Corporations/ Town Municipality authorities etc., charge as per their standard schedules / rates which will be intimated by them from time to time for grant of permission/approvals for constructing/laying the HT/LT lines, shall be paid by the successful Bidder. These charges are reimbursable by the BESCOM as per actuals, on production of valid vouchers and which will not to be included in the total Rate Contract value.

Restoration of the surface to its original condition as per the requirements of the concerned authorities is also included in the scope of the work.

b) Any way leave problem, obstacle, hindrance should be cleared by the contractor. The owner shall also stand by the contractor and extend necessary help and co-operation for removal of obstructions and hindrances. Delay in obtaining any clearance including right of way shall not form a ground for extension in the period for completion of works and waival of the penalties. However, if the delay in obtaining any clearance including right of way (ROW) is not attributable to the contractor, upon receipt of the contractor’s request, the owner may evaluate the situation and may, at its discretion, extend the time for performance.

Tree cutting and tree cut compensation, if any would be organized to be paid by the contractor. The BESCOM shall render necessary help for fixing the compensation through concerned Department. The compensation so paid by the contractor shall be reimbursed separately by the BESCOM as per actuals.

1.2 Site Location and Local Conditions:

It will be imperative on each Bidder to fully inform himself of all Local Conditions and factors which may have any effect on the Supply & erection and Services covered under these Documents and Specifications.

It shall be understood and agreed that such factors have been properly investigated and considered in any Bid that is submitted. No Claim for Financial adjustments to the Contract Awarded under these Specifications and Documents will be entertained by the BESCOM. Neither change in the time Schedule of the Contract nor any Financial adjustments arising thereof shall be permitted by the BESCOM, which are based on incorrect information or its effect on the Contract to the Bidder.

The Equipment shall be packed for Transportation so as to meet the Space and Weight limitation of Transport facilities especially along the Rail/ Road. Approval from concerned Railway Authorities for movement of over dimensional Consignment/Package shall be obtained by the Contractor before starting Manufacture of such Equipment.

Unless brought out clearly, the Bidder shall be deemed to conform strictly to the Bid Documents. The Bids shall, as far as possible, be according to the Specifications. However, Minor deviations, if any, shall be clearly brought out in the respective Schedules of Deviations. Any discrepancy between the Specification and the Catalogues of the Bid, if not clearly brought out in the Schedule, will not be considered as valid Deviation.

1.3 DUTIES AND POWERS OF THE ENGINEER AND ENGINEER'S REPRESENTATIVES:

1.3.1 The Duties of the Engineer are to supervise the Work of the Contractor and issue Suitable directions if needed. The scope of the Duties of the Engineer, pursuant to the Contract will include but not limited to the following:

a) Interpretation of all the Terms and Conditions of these Specifications and Documents.

b) Witness, or authorize his Representative to witness, Tests and Trial either at the Manufacturer's Work or at Site or at any place where the Work is performed under the Contract.

c) Inspect, accept or reject any Equipment Material and Work under the Contract.

d) Review and interpretation of all the Contractor's Drawings, Engineering Data etc.

e) Issue Certificate of acceptance and/or progressive Payment and final Payment Certificates.

f) Review and suggest Modifications and improvements in Completion Schedule from time to time.

g) Review the Quality of Work at all the stages of Project implementation.

1.3.2 The Engineer, his duly authorized Representative and/or an outside agency acting on behalf of the Owner shall have at all the reasonable times, access to the Contractor's premises or Works and shall have the power to inspect and examine the Materials and Workmanship of the Works during its Manufacture or Erection and if part of the Works is being Manufactured or assembled at other premises or Works, the Contractor shall obtain for the Engineer and for his duly authorized Representative, permission to inspect, as if the Materials /Equipments are Manufactured or assembled on the Contractor's premises or Works. On Completion of the Erection of the Equipments and before commissioning each item, the Equipments shall be thoroughly cleaned and then inspected jointly by the Engineer and the Contractor for correctness and completeness of Installation so that the Equipments are ready for pre-Commissioning Tests to be performed. The Contractor's Commissioning Engineers shall be responsible for carrying out all the pre-Commissioning Tests of the various Equipments/Materials installed in the HT/LT Distribution system.

1.3.3 The following actions are however subject to approval of the Owner:
a) Determining extension of time.
b) Issuing a Variation Order except:
i.) In an emergency situation as reasonably determined by the Engineer.
ii.) If such variation Order would increase the Contract Price.

1.3.4 The Engineer's Representatives are responsible to the Engineer and their Duties are to watch and supervise the Works, to Test and examine any Materials to be used or Workmanship employed in connection with the Works. He has no authority to relieve the Contractor of any of the Duties or obligations under the Contract nor except as expressly provided hereunder or elsewhere in the Contract, to Order any Work involving delay or any extra Payment nor to make any variations of/or in the Works.

1.3.5 The Engineer may, from time to time, delegate in writing to the Engineer's Representative any of the Powers, Authorities vested with the Engineer and furnish to the Contractor a copy of all such written delegation of Powers and Authorities. Any written instruction or approval given by the Engineer's Representative to the Contractor within the terms of such delegation, but not otherwise,

shall bind the Contractor and the Owner as though it has been given by the Engineer provided always as follows:

a) Failure of the Engineer's Representatives to disapprove any Work or Materials shall not prejudice the Power of the Engineer thereafter to disapprove such Work or Materials and to Order the pulling down, removal or breaking thereof.

b) If the Contractor shall be dissatisfied by reason of any decision of the Engineer's Representative, he shall be entitled to refer the matter to the Engineer who shall there upon confirm, reverse or vary such decision.

1.4 BASIS OF EVALUATION:

As this bid document is on total turnkey basis at the discretion of BESCOM **under item wise fixed price contract and percentage quoting on each item basis**, covering supply of all matching materials/ equipments, **works under CAPEX budget. The bidders shall quote only the percentage above or below or equal to the individual Schedule of material / labour rate on each item for the said work,** including cost of all the Equipments for supply and services mentioned. The offer will be considered as “incomplete” and the bid will be liable for rejection at the discretion of the BESCOM, if all the equipments identified under scope of supply and services are not offered.

While awarding the Contract to the successful agency, the approved percentage above or below or equal to the Schedule of material / labour rate, will be uniformly applied on the Schedule of material / labour rates as per tender documents of all the individual materials/labour items under the scope of the award to arrive the unit FORD price of individual materials/items and based on these item wise fixed prices, the work award will be issued. However, the total cost of the item wise fixed price contract is awarded at the approved percentage on the amount put to tender on total turnkey basis.

1.5 Procedure for Evaluation of Technical Bid:

The Bids are liable to be treated as Non-Responsive if the Offers do not comply with the following:

1. Qualifying Requirements of the Bidder
2. Financial Capability of the Bidder
3. Bid Security/EMD not paid
4. Completion Period shall be as specified in the Bid.
5. Technical Particulars of all the Equipments/ Materials shall be complying with the provisions of Technical Specifications.
6. Bid shall be submitted for the entire Scope of Package.
7. Bid containing Certificate for Acceptance to Important Conditions.

1.6 TERMS OF PAYMENT:

The payment will be made at the concerned O&M Division under whose supervision the Contract Work is executed and duly following the penalty clause.

Sl. No	Particulars	Stages of Payment	Certified by
1	**EQUIPMENT/ MATERIAL SUPPLY**	**Fifty percent (50%) of the basic material cost and 100 % taxes against the** receipt of materials supplied to store/ site	Certification by AE or Engineer in charge of Work and AEE, O&M of the concerned sub-Division and counter signed by the EE, O&M of the concerned Division with submission of following relevant documents: i. Copy of the Certificate of Transit Insurance. ii. Pre-dispatch clearance certificate issued by the owner, prior to dispatch of the consignment. iii. Packing list/ bill of materials. iv. Contractor's Detailed Invoice. v. Physical Verification Certificate by the site Engineers.
		Fifty percent (50%) of basic material cost after the completion of the individual works, successful integration of the Smart Energy Meter with BESCOM system	Certification by the AEE, O&M of the concerned sub-Division, respective EE, MT Divisions & counter signed by the EE, O&M of the concerned Division on submission of the complete documents pertaining to smart energy meter.
2	**ERECTION WORKS**	**Ninety percent (90%) against t**he completion of the works in all respect on individual work order basis and successful commissioning of works	Certification by AE or Engineer in charge of Work and AEE, O&M of the concerned sub-Division, respective EE, MT Divisions and counter signed by the EE, O&M of the concerned Division with submission of following relevant documents: i) The quantum of Work completed. ii) The successful Completion

			of Quality Check Points involved in the Erection.
		Balance Ten percent (10%) against the completion of all works and successful integration of the Smart Energy Meter with BESCOM system	Certification by AE or Engineer in charge of Work and AEE, O&M of the concerned sub-Division, respective EE, MT Divisions and counter signed by the EE, O&M of the concerned Division with submission of following relevant documents: i) The quantum of Work completed. ii) The successful Completion of Quality Check Points involved in the Erection.

1.7 Payment conditions:

1.7.1 All payments under the Contract shall be in Indian Rupees only.

1.7.2 The Total Payments towards Supply & erection of Equipments/Material, Erection Charges and Civil Engineering Works etc., as per the Contract shall be governed by the tender conditions.

1.7.3 **Reconciliation of Accounts:**
The Contractor shall prepare and submit every month, a statement covering Payments Claimed and the Payments received vis-a-vis the Works executed, for reconciliation of Accounts with the BESCOM.

1.8 WORK SCHEDULE:

1.8.1 The Bidder shall include in this **Work Schedule** his program for furnishing Designs, Testing, Supply & erection of Materials (in his Scope) and Erecting the Equipments and Commissioning covered in the Bid Documents. The Program shall be in the form of Activity Chart/PERT chart identifying Key Phases in various areas of the total Works like procurement of Materials and Bought Out items, Testing, Manufacture, deliveries and Field activities. The Activity Chart/PERT chart shall conform to the following Scheduled Commissioning Period reckoned from the date of item wise fixed price contract :

Validity of item wise fixed price contract: The item wise fixed price contract is valid for entire contract period.

COMMISSIONING PERIOD: **The item wise fixed price Contract is valid for entire contract period. The project shall be completed and commissioned in all aspects within time**

period indicated in the word award INCLUDING MONSOON PERIOD.

While preparing the above-mentioned Activity Chart/PERT chart, the Contractor may take guidance from the Tentative Dates of various activities indicated in the Technical Specification. The BESCOM has no objection to modify the intermittent activities without affecting the Final Completion Schedule. However, all the Schedules shall be approved by the BESCOM.

This Activity Chart/PERT chart shall be submitted by the successful contractor along with contract agreement. It may be required by the BESCOM to revise the periods indicated above based on the interface requirements of the Project. Such revisions, if made, will be finalised before the Award of Contract. The provisions of Clauses 1.10 Section –V, Special General Conditions of Contract-SCC, Volume-I and 25.8.00 Section –IV, Erection Conditions of Contract-ECC, Volume-I regarding penalty and liquidated Damages leviable for delays shall become effective after the dates mentioned above.

1.8.2 After the Award of the Contract, the Contractor shall Plan the sequence of Work of Manufacture and Erection to meet the dates stated above and shall ensure that all Work / Manufacture, shop Testing and dispatch of the Equipment and Materials is in accordance with the required Construction / Erection sequence.

1.8.3 The provisions of penalty in case of delay in Completion shall become effective after the periods mentioned above for successful Completion of Testing, commissioning and 'Go Live'.

1.8.4 Detailed Erection and Commissioning Program including Pre-Erection activities covering Manpower deployment, Tools and Plants Mobilization etc., shall be submitted by Contractor within suitable time as agreed to during Pre-Award discussions.

1.8.5 Detailed Drawing Schedule based on Programs referred above shall be submitted by the Contractor within 07 days' time from the notification of Award, in the format to be specified by the BESCOM.

1.8.6 The Contractor shall submit to the Engineer, his manufacturing and Delivery Schedules for all Equipment's, after approval of the site survey report. Such Schedules shall be in line with the detailed Network for all phases of the Work of the Contract. Such Schedules shall be reviewed, up-dated and submitted to the Engineer by the Contractor, once in every Month thereafter, only for the purpose of Progress Monitoring. Schedules shall also include the Materials and Equipment purchased from outside Suppliers.

1.8.7 The Contractor shall submit to the BESCOM/Engineer the detailed Bill of Materials, after approval of the site survey report. Additions

/deletions to the Bill of Materials, during detailed Engineering will also be incorporated in the Bill of Materials within 2 weeks of the approval of the Drawings, if such approval of Drawings necessitates the change.

1.8.9 Within one week of approval of the Network Schedule, the Contractor shall forward to the Engineer copies of the Computer Run Data if it be so required. The type of output and number of copies of each type to be supplied by the Contractor shall be determined by the Engineer.

1.8.10 The Network Schedule shall be updated at a frequency mutually agreed upon for the purpose of Monitoring. However, for the purpose of identification of Contractors Contractual liability, the agreed Activity Chart referred in Clause 10.1 shall only be applicable. Monthly review of the Progress and identification of necessary Corrective actions as may be desired by the Engineer. The Meeting will be attended by the Engineer or his authorized Representatives and such responsible Representatives of the Contractor as may be considered necessary by the Engineer. Such Meeting shall be attended by the Contractor's Representatives at the Contractor's own Cost. The Contractor shall be responsible for recording the proceeding of the Meeting(s), a report of which shall reach the BESCOM or the Engineer not later than seven (7) days after the Meeting (s).

1.8.11 During execution of the Contract / Manufacture/ Erection / Commissioning, the Contractor shall furnish fortnightly Progress Reports to the Engineer in a Format to be specified by the Engineer indicating the Progress up to the Month as against Scheduled and Anticipated Completion Dates in respect of Activities covered in Programs/ Schedules referred above. If called for by the Engineer, the Contractor shall also furnish to the Engineer resources Data in the specified Format(s), and Time Schedule(s). The Contractor shall also furnish any other information necessary to ascertain Progress, if called for by the Engineer.

1.9 INDEMNITY BOND:

It will be the responsibility of the Contractor to take Delivery, Unload and Store all the **Material/Equipments**. The Contractor shall execute an Indemnity Bond as per the Proforma enclosed in the Section Anneures in favour of the BESCOM against Loss, Damage and any Risks involved for the full value of these Materials. This Indemnity Bond shall be furnished by the Contractor before commencement of the Supplies and shall be valid till the Scheduled Date of Testing, Commissioning and handing over of the Work to the Engineer.

1.10 PENALTY FOR DELAY IN COMPLETION/NON-PERFORMANCE:

Sl. No.	Particulars	Penalty levied at
1	In case of delay in completing the work within the time fixed under the Contract	½ % per week of delay or part thereof on the delayed portion subject to a maximum of 10% on the individual work award cost. BESCOM reserves its right to recover the damage by getting the balance or part of supplies/works done through other agencies at the risk and cost of the awarded agency. Also reserves the right to blacklist the firm.
2	In case of poor quality meters supply after successful type tests.	Equivalent to meter cost applicable on no. of meters failed during testing besides rejection of the materials
3	In case of delay in replacing the meters and or materials failed during the Guarantee period	½ % per week of delay or part thereof on the delayed portion of the material.
4	Failure to extend support required for the integration with BESCOM system	BESCOM reserves the right to recover the loss sustained along with 10% of the loss amount as penalty besides terminating the contract.

1.11 Guarantee:

1.11.1 The Contractor shall warrant that the Equipment supplied by him will be new, unused and in accordance with the Contract Documents and free from defects in Material and Workmanship for a period as follows:

Meters: The meters shall be guaranteed for satisfactory performance and accuracy for a minimum period of 05 years from the date of supply. The successful bidder is responsible for repair/ replacement of the meter to be fixed in the HT metering cubicle during guarantee period. Replacement shall be effected within 7 days from the date of intimation.

The Contractor's liability shall be limited to the replacement of any defective parts in the Equipment of his own Manufacture or those of his vendors, under normal use and arising solely from faulty Design, Materials and/or Workmanship provided always that such defective parts are repairable at the Site and are not in the meantime essential in the Commercial use of the Equipment. Such replaced/ defective parts shall be returned to the Contractor unless otherwise arranged. No repairs or replacement shall normally be carried out by the Engineer, when the Equipment is under the supervision of the Contractor's Supervisory Engineer.

1.11.2 In the event of any emergency where in the judgment of the Engineer, delay would cause serious loss or Damages, repairs or adjustment may be made by the Engineer or a third Party chosen by the Engineer without advance Notice to the Contractor and the Cost of such Work shall be paid by the Contractor. In the event such action is taken by the Engineer, the Contractor will be notified promptly and he shall assist wherever possible in making necessary corrections. This shall not relieve the Contractor of his liabilities under the Terms and Conditions of the Contract.

1.11.3 If it, becomes necessary for the Contractor to replace or renew any defective portions of the Works, the provision of this Clause shall apply to portion of the Works so replaced or renewed until the expiry of Guarantee period of equipment's in clause 1.11 of Section –V of SCC- Volume-1 **and 12 (Twelve) months for all other equipment's/materials of the work** from the date of such replacement or renewal. If any defects are not remedied within a reasonable time, the Engineer may proceed to do the Work at the Contractor's risk and Cost but without prejudice to any other rights, which the BESCOM may have against the Contractor in respect of such defects.

1.11.4 The repaired or new parts will be furnished and erected free of Cost by the Contractor. If any repair is carried out on his behalf at the Site, the Contractor shall bear the Cost of such repairs.

1.11.5 The Cost of any special or general overhaul rendered necessary during the Guarantee period due to defects in the Equipment or defective Work carried out by the Contractor, the same shall be borne by the Contractor.

1.11.6 The acceptance of the Equipment by the Engineer shall in no way relieve the Contractor of his obligations under this Clause.

1.11.7 In the case of those defective parts which are not repairable at Site but are essential for the Commercial Operation of the Equipment, the Contractor and the Engineer shall mutually agree to a program of replacement or renewal which will minimize interruption to the maximum extent, in the Operation of the Equipment.

1.11.8 If during the Performance of the Contract, the Engineer shall decide and inform in writing to the Contractor that the Contractor has Manufactured any Equipment, Material or part of Equipment unsound and imperfect or has furnished any Equipment inferior to the Quality specified, the Contractor on receiving details of such defects or deficiencies shall at his own expense within seven (7) days of his receiving the Notice, or otherwise, within such time, as may be reasonably necessary for making it good, proceed to alter, reconstruct or remove such Work and furnish fresh Equipment/ Materials up to the Standards of the Specifications. In case the Contractor fails to do so, the Engineer may on giving the Contractor seven (7) days' Notice in writing of his intentions to do so, proceed to remove the portion of the Works so complained of and at the Cost of the Contractor perform all such Work or furnish such Equipment/ Material provided that nothing in this Clause shall be deemed to deprive the Owner of or affect any rights under the Contract which the Owner may otherwise have in respect of such defects and deficiencies.

1.11.9 The Contractor's full and extreme liability under this Clause shall be satisfied by the Payment to the Owner of the extra Cost, of such replacement procured including Erection as provided for in the Contract, such extra Cost being the ascertained difference between the Price paid by the Owner for such replacements and the Contract Price by portion for such defective Equipment/ Material/ Works and repayments of any Sum paid by the Owner to the Contractor in respect of such defective Equipment/ Material. Should the Owner not so replace the defective Equipment/Materials, the Contractor's extreme liability under this Clause shall be limited to repayment of all Sums paid by the Owner under the Contract for such defective Equipment /Materials.

1.11.10 The Bidder shall clearly note that time is the essence of the Contract and the execution of individual work awards/Contract shall be completed within the Time frame specified in the **award and the** Time frame specified in the Clause No.1.8. Supra and hence no time extension shall be allowed on any account. If the Contractor fails to successfully complete the Trial Operation in terms of the Contract, within the time fixed under the Contract or any extension thereof granted by the BESCOM by way of Amendment to the individual work awards / Notification of Award/ Contract Agreement, the Contractor shall pay to the BESCOM, as Penalty.

~~1.11.11~~

1.11.12 Whenever the Contractor is ready to carry out any such test and/or inspection, the Contractor shall give (seven)07 days advance notice of such test and/or inspection and of the place and time thereof to the Project Manager. The Contractor shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Employer and the Project Manager (or their designated representatives) to attend the test and/or inspection.

1.11.13 The Contractor shall provide the Project Manager with a certified report of the results of any such test and/or inspection.

1.11.14 If the Employer or Project Manager (or their designated representatives) fails to attend the test and/or inspection, or if it is agreed between the parties that such persons shall not do so, then the Contractor may proceed with the test and/or inspection in the absence of such persons, and may provide the Project Manager with a certified report of the results thereof.

1.11.15 The Project Manager may require the Contractor to carry out any test and/or inspection not required by the Contract, provided that the Contractor's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of work on the Facilities and/or the Contractor's performance of its other obligations under the Contract, due allowance will be made in respect of the Time for Completion and the other obligations so affected.

1.11.16 The Guarantee shall additionally cover the following Guarantees to the Owner.

a) The Contractor shall Guarantee the Successful and Satisfactory Operation of the Equipment supplied under the Contract, as per the Specifications and Documents.

b) The Contractor shall furnish Guarantee that the Equipment provided by him/his Sub-Vendors shall be free from all defects in Design, Material and Workmanship and that it shall, upon written Notice from the BESCOM, fully remedy, free of expenses to the BESCOM, such defects as may develop under the normal use of the said Equipment within the period of Guarantee / Warranty specified in the relevant Clause of tender.

1.12 STORAGE CUM ERECTION INSURANCE:

1 All the Equipment and Materials being supplied by the Contractor for the package shall be kept completely insured by the Contractor at his Cost from the time of dispatch from their Works, up to the Completion of Erection, Testing and Commissioning at Site and "**declaration of GO Live"** of the project by the BESCOM in accordance with the Contract.

2 Further all the Equipment and Materials being supplied by the BESCOM for the Erection as per Technical Specification shall be kept insured by the Contractor against any Loss, Damage, Pilferage, Theft, Fire etc. from the time of Unloading up to the time of "**declaration of GO Live"** by the BESCOM including Handling, Transportation, Storage, Erection, Testing and Commissioning etc. The premium to be paid to the Insurance Company by the Contractor for such Insurance shall be included in the total Bid Price.

3 It will be the responsibility of the Contractor to Lodge, Pursue and Settle Claims with the Insurance Company in case of any Damage, Loss, Theft, Pilferage or Fire and the BESCOM shall be kept informed about it. The Contractor shall be responsible for the, replacement of losses, Damage etc. in the execution of the Contract to any Equipment/ Material either supplied by the Contractor or issued to the Contractor by BESCOM irrespective of the time or amount of receipt of Insurance Claim. Any loss in this regard shall be to the Contractor's account.

1.13 PRE-COMMISSIONING TESTS:

On Completion of fixing of Smart energy meter and before Charging each item shall be thoroughly cleaned and then inspected jointly by the Owner or his duly authorized Representative and the Contractor for correctness and Completeness of Installation and acceptability for Charging leading to initial Pre - Commissioning. The Contractor's Commissioning Engineers, specifically identified as far as possible, shall be responsible for carrying out all the Pre-Commissioning checks. On Completion of inspection, checking and after the Pre-Commissioning Tests are satisfactorily over, the HTMC work shall be ready for Charging.

During the Pre-Commissioning checks, the Operations shall be under the supervision of the Contractor, but the Schedule of Operations shall be agreed to by the Owner and the Contractor. During the Tests, the safety of equipments is the responsibility of the Contractor. During the pre-Commissioning, Commissioning and Performance Guarantee Tests, the Operations will be under the supervision of the Contractor, if the Tests are being carried out by him. In case the Tests are being carried out by a third Party, the Operations will be under the control of the Owner. In both cases, all aspects of the Tests shall be agreed to by the Owner and the Contractor The safety of the Equipment shall be the responsibility of the Contractor.

1.14 Rejection:

1.14.1 The BESCOM will reject any Material/Equipment supplied by the Contractor if, during Tests, or Service, any of the following conditions arise when the provisions under the relevant Clause of the General Conditions of Contract shall immediately become applicable:

a) Material/Equipment, including its Components, are proved to have been manufactured not in accordance with the agreed Specifications.
b) Material/Equipment fails on any Test indicated in the Technical Specification.

1.14.2 The BESCOM reserves the right to retain the rejected Equipment and take it into service until the Bidder replaces, at no extra Cost to the BESCOM, the defective Material by a new Material. Alternately the Bidder shall Repair or Replace the Equipment within a reasonable period to the satisfaction of the BESCOM at no extra Cost to the BESCOM. **Till the equipments are replaced, the performance bank guarantee will not be released by the owner.**

1.15 TAKING OVER:

When the whole of the Works have been completed and have passed all the Tests on Completion, prescribed in the Contract, to the satisfaction of the Engineer. The Engineer shall issue to the Contractor a Taking Over Certificate, as proof of the Final acceptance of the project. Such Certificate shall not unreasonably be withheld nor will the Engineer delay the issuance thereof on account of minor omissions or defects, which do not affect the Commercial Operation and/or cause any serious risk to the HTMC. Such Certificate shall not relieve the Contractor of any of his obligations which, otherwise become due, by the Terms and Conditions of the Contract, after issuance of such Certificate. The Contractor shall give an Undertaking to finish with due expedition any outstanding Work during the Warranty Period.

The Contractor shall hand over the following Documents in 8 sets at the time of handing over the project to the Engineer for reference and Records:

a) Brief details of the Smart energy meter.
b) Set of route profiles.
c) Set of all approved drawings and Bill of Materials.
d) Set of approved drawings of all the equipment/materials such as Smart energy meter etc.,
f) The Factory Test results and Pre-Commission Test results.
g) The Drawings/ Maintenance Manuals of all Equipment’s.

1.16 CERTIFICATE REGARDING ACCEPTANCE OF IMPORTANT CONDITIONS:

Bidders shall be required to furnish a Certificate in Format enclosed at **Annexures** for acceptance of Important Conditions stipulated in the tender documents.

1.17 GENERAL INFORMATION:

1.17.1 The requirements stated in and Schedule/ Annexures appended to the Conditions of Contract, Bid Proposal Sheets, Technical Specifications and Exhibits/ Enclosures shall apply to and shall be considered as a part of this Section as if bound together

1.17.2 The Design and Workmanship shall be in accordance with best Engineering Practices to ensure Satisfactory Performance throughout the service life of the Equipment.

1.17.3 In case of discrepancy between the Conditions specified in General Conditions of Contract (GCC) and this Section (SCC), the stipulations specified in this Section (SCC) shall prevail.

SECTION – VI

(VOLUME-I)

ANNEXURES

CONTENTS

NO. DESCRIPTION

1. No Deviation Certificate
2. Proforma of Bank Guarantee for Bid Security.
3. Proforma of Bank Guarantee for Contract Performance
4. Proforma of Extension of Bank Guarantee.
5. Proforma of Letter of Undertaking.
6. Proforma of Agreement.
7. Power of Attorney.
8. PQR details

ANNEXURE-I

IMPORTANT: TO BE SUBMITTED IN SEPARATE SEALED COVER

Bidder's Name & Address:

TO
General Manager (Ele),
Meter & Commercial,
BESCOM, Bengaluru

NO DEVIATION CERTIFICATE

With reference to our Bid Proposal No…… dated …….. for ……., we hereby confirm that we have read the provisions of the Contract, the stipulation of these Clause are acceptable to us, and we have not taken any deviation whatsoever to these Clauses:

a) **Terms of Payment:**
Clause 1.6.0 of Section–V, Special General Conditions of Contract-SCC, Volume-I.

b) **Bid Security /EMD:**
Clause 1.2 Section –I, Invitation for Bids -IFB, Volume-I.

c) **Contract Performance Guarantee.**
Clause 8.0, Section––II, Instruction to Bidder-ITB, Volume-I.

d) **Penalty for Delay.**
Clause 1.10 Section –V, Special General Conditions of Contract-SCC, Volume-I.

e) **Price basis**
Clause 9.0 & 10.0, Section–II, Instruction to Bidder-ITB, Volume-I.

f) **Guarantee.**
Clause 1.11 Section–V, Special General Conditions of Contract-SCC, Volume-I.

g) **Work Schedule.**
Clause 1.8 Section –V, Special Conditions of Contract-SCC, Volume-I.

h) **Taxes and Duties:**
Clause 6.0 Section–II, Instruction to Bidder-ITB, Volume-I

We further confirm that any deviation to the above Clauses at SL. No. (a) to (h) found anywhere in our Bid Proposal, implicit or explicit, shall stand unconditionally withdrawn, without any Cost implication whatsoever to .

Date
Place

Signature
Printed Name
Designation
Common Seal

ANNEXURE -II

PROFORMA OF BANK GUARANTEE

FOR BID SECURITY

(To be stamped in accordance with stamp Act)

The non-Judicial stamp paper of Rs. 200/- should be in the name of issuing Bank.

Ref..... Bank Guarantee No.....

Date .....

TO

Dear Sirs,

In accordance with Invitation to Bid under your Specification No.....M/s..... having its Registered/ Head Office at .....(hereinafter called the Bidder) wish to participate in the said Bid or.....and you, as a special favour, have agreed to accept an irrevocable and unconditional Bank Guarantee for an amount of Rs.....Valid up to .....on behalf of Bidder in lieu of the Bid deposit required to be made by the Bidder, as a Condition precedent for participation in the said Bid.

We, the.....Bank at ..... having our Head Office at .....(local address) Guarantee and undertake to pay immediately on demand by Bangalore Electric supply Company Limited the amount of ..... (in words & figures) merely on demand and **without any reservation, protest, demur and recourse. Any such demand made by said `BESCOM' shall be conclusive and binding on us irrespective of any dispute or difference raised by the Bidder.**

This Guarantee shall be irrevocable and shall remain valid up to and including ****** If any further extension of this Guarantee is required, the same shall be extended to such required period (not exceeding one year) on receiving instructions from M/s.....on whose behalf this Guarantee is issued.

In witness whereof the Bank, through its authorised Officer, has set its hand and stamp on this .....day of.....20 .....at.....

WITNESS:

....

(Signature) (Signature)

....

(Name) (Name)

....

(Official Address) (Designation with Bank Stamp)

Attorney as per
Power of Attorney No
Date .....

(*******) This date shall be thirty (30) days after the last date for which the Bid is valid.

ANNEXURE- III

PROFORMA OF BANK GUARANTEE FOR

CONTRACT PERFORMANCE

(To be stamped in accordance with stamp Act)

Ref..... Bank Guarantee No .....
Date .....

TO

Dear Sirs,

In consideration of the Bangalore Electrical supply Company Limited, (hereinafter referred to as the BESCOM which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) having Awarded to M/s.....
with its Registered/Head Office at ..... (hereinafter referred to as the 'Contractor' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), a Contract by issue of BESCOM's Letter of Award No.....dated..... and the same having been unequivocally accepted by the Contractor, resulting in a Contract bearing No..... dated .....valued at.....for .....(Scope of Contract) and the Contractor having agreed to provide a Contract Performance Guarantee for the faithful Performance of the entire Contract equivalent to .....* .....(%).....percent) of the said value of the Contract to the BESCOM.

We ..... (Name & Address)
having its Head Office at .....(hereinafter referred to as the 'Bank' which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby Guarantee and undertake to pay, the BESCOM, merely on demand any and all monies payable by the Contractor to the extent of .....as aforesaid at any time up to .....**.....
(days/Month/year) without any demur, reservation, contest, recourse or protest and/or without any reference to the Contractor.

Any such demand made by the BESCOM on the Bank shall be conclusive and binding notwithstanding any difference between the BESCOM and the Contractor or any dispute pending before any Court, Tribunal, Arbitrator or any other Authority. The Bank undertakes not to revoke this Guarantee during its currency without previous consent of the BESCOM and further agrees that the Guarantee herein contained shall continue to be enforceable till the BESCOM discharges this Guarantee.

The BESCOM shall have the fullest liberty without affecting in any way the liability of the Bank under this Guarantee, from time to time to extend the

time for Performance of the Contract by the Contractor. The BESCOM shall have the fullest liberty, without affecting this Guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Contractor, and to exercise the same at any time in any manner, and either to enforce or to forebear to enforce any covenants, contained or implied, in the Contract between the BESCOM and the Contractor or any other course or remedy or security available to the BESCOM. The Bank shall not be released to its obligations under these presents by any exercise by the BESCOM of its liberty with reference to the matters aforesaid or any of them or by reason of any other act of omission or Commission on the part of the BESCOM or any other indulgences shown by the BESCOM or by any other matter or thing whatsoever which under law would, but for this provision have the effect of relieving the Bank.

The Bank also agrees that the BESCOM at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance, without proceeding against the Contractor and notwithstanding any Security or other Guarantee the BESCOM may have in relation to the Contractor's liabilities.

Notwithstanding anything contained herein above our liability under this Guarantee is restricted to Rs.....and it shall remain in force up to and including .....and shall be extended from time to time for such period (not exceeding one year), as may be desired by M/s .....on whose behalf this Guarantee has been given.

Dated this .....day of .....20.....at .....

WITNESS:

.....	.....
(Signature)	(Signature)
.....	.....
(Name)	(Name)
.....	.....
(Official Address)	(Designation with Bank Stamp)

Attorney as per Power of
Attorney No .....
Date .....

NOTE:

* This Sum shall be Three percent (10%) of the Contract Price.

** The date will be ninety (90) days after the end of Warranty Period as specified in the Contract.

1. The stamp papers of Rs. 200/- values shall be purchased in the name of issuing Bank.

ANNEXURE- IV

PROFORMA OF EXTENSION OF BANK GUARANTEE

Ref ……. Date …….

TO

Dear Sirs,

Sub: Extension of Bank Guarantee No …….for Rs……favouring yourselves, expiring on ……. on account of M/s……in respect of Contract No ……. dated…….(hereinafter called original Bank Guarantee).

At the request of M/ s ……,We……Bank, Branch Office at ……and having its Head Office at ……do hereby extend our liability under the above mentioned Guarantee No ……. Dated ……. for a further period of ……Years/Months from ……to expire on ……Except as provided above, all other Terms and Conditions of the original Bank Guarantee No ……dated ……shallremain unaltered and binding.

Please treat this as an integral part of the Original Bank Guarantee to which it would be attached. I

Yours faithfully,

For ……
Manager/Agent/Accountant
Power of Attorney No ……
Dated ……

SEAL OF BANK

NOTE: The non-judicial stamp paper of appropriate values shall be purchased in the name of the bank who has issued the Bank Guarantee.

ANNEXURE-V

PROFORMA OF LETTER OF UNDERTAKING

(To be submitted by the Bidder along with his Bid)

(To be executed on Non-Judicial paper of requisite value)

Ref ..... Date .....

TO

Dear Sirs,

1. I*/We* have read and examined the following Bid Documents relating to the.....(full scope of Work).

a) Notice Inviting Tender.

b) Conditions of Contract containing Sections: 'Invitation to Bid, 'Instructions to Bidder", "General Terms & Conditions of Contract (GCC) and Erection Conditions of Contract (ECC)

c) Special Conditions of Contract (SCC) along with Annexure ..... to .....

d) Drawings No .....

e) Technical Specifications.

2. I / We hereby submit our Bid and undertake to keep our Bid Valid for a period of One Hundred and Eighty days (180 days) from the date of techno-commercial bid opening.

I*/We* hereby further undertake that during said period I/We shall not vary/alter or revoke my/our Bid.

This undertaking is in consideration of BESCOM agreeing to open my/our Bid and consider and evaluate the same for the purpose of Award of Work in terms of provisions of Clause entitled "Award of Contract" Section ITB, Conditions of Contract in the Bid Documents.

Should this Bid be accepted, I*/We* also agree to abide by and fulfil all the terms, conditions of provision of the above mentioned Bid Documents.

Witness: Signature along with Seal of Co.

.....

Signature (Duly authorized to sign the
Date: Tender On behalf of the
Name & Address Contractor)

Name .....
Designation .....
Name of Co ..... (in Block Letters)

*Strike out whichever is not applicable.

ANNEXURE- VI

PROFORMA OF "CONTRACT AGREEMENT"

(To Be Executed On Non-Judicial Stamp Paper of value Rs. 200/-)

This Agreement made on this .....day of .....Two thousand .....between Bangalore Electricity Company Limited having its Office at .....India (hereinafter referred to as a "Owner" or BESCOM which expression shall include its administrators,) on the one part and M/s .....having its registered Office at .....(hereinafter referred to as the "Contractor" or "X" name of the Contracting Company, which expression shall include its administrators, successors, executors and permitted assigns) the other part.

WHEREAS BESCOM desirous for execution of works under item wise fixed price contract in BESCOM on total turnkey basis under percentage quoting on each item basis invited bids for the package..... (briefly describe scope of Work) as per its Bid Enquiry No.....

AND WHEREAS....."X" .....had participated in the above referred Bidding with.....Y.....vide their proposal No. .....dated.....and BESCOM awarded the Contract to....."X" .....on Terms and Conditions of Bid Documents referred to therein, which has been accepted by ....."X" .....resulting into a "Contract".

NOW THEREFORE THE DEED WITNESSETH AS UNDER:

1.0 Article

1.1 Award of Contract:

BESCOM has Awarded the Contract to ..... "X" .....for the Work of.....on the Terms and Conditions contained in its Letter of Intent No..... dated..... and the Documents referred to therein. The Award has taken effect from the date of aforesaid Letter of Award. The terms and expressions used in this Agreement shall have the same meaning as are assigned to them in the "Contract Document" referred to in the succeeding Article.

2.0 **Contract Documents:**

2.1 The Contract shall be performed strictly as per the Terms and Conditions stipulated herein and in the following Documents attached herewith (hereinafter referred to as "Contract Document").

i) BESCOM's Bidding Documents in respect of Bid Enquiry No.....issued consisting of Invitation of Bid, Instructions to

Bidders, General Conditions of Contract, Special Conditions of Contract and all other Sections entitled 'Conditions of Contract" including all Amendments issued vide its letter (s) No.(s) ……dated ……. (Part-I)

ii) BESCOM's Technical Specification including Amendments issued vide its Letter No……dated ……(Part-II)

iii) "X"s Proposal No……dated……along with Proposal Sheets, Data Requirement Sheets, Payment Terms, work Schedule entitled as " Proposal"(Part-III)

iv) Agreed Minutes of the meeting held on……between BESCOM& "X" (Part-IV)

v) BESCOM's Letter of Intent No……dated……duly accepted by "X" (Part-V)

vi) Contract Activity/Pert Chart (Part-VI)

All the aforesaid Contract Documents shall form an integral part of this Agreement, in so far as the same or any part conforms to the Bidding Document (Part-I & II) and what has been specifically agreed to by the Owner in his Letter of Award. Any matter inconsistent therewith, contrary or repugnant thereto or any deviations taken by the Contractor in its 'Proposal (Part-III) but not agreed to specifically by the Owner stands withdrawn by the Contractor. For the sake of brevity, this Agreement along with its aforesaid Contract Documents shall be referred to as the 'Agreement"

3.0 Conditions & Covenants:

3.1 The Scope of Contract, Consideration, Terms of Payment, Price Adjustment, Taxes wherever applicable, Insurance, Liquidated Damages, Performance Guarantee and all other Terms and Conditions are contained in BESCOM 's Letter of Intent No ……dated……. read in conjunction with other aforesaid Contract Document. The Contract shall be duly performed by the Contractor strictly and faithfully in accordance with terms of the Agreement.

3.2 The scope of Work shall also include **Supply & Erection** **portion of all such items, which are not specifical1y mentioned in the Contract Documents, but which are needed for successful, efficient, safe & reliable Operation of the Equipment unless otherwise specifically excluded in the Specifications under 'exclusions' or Letter of Intent.
(**-The Clause shall be suitably modified in the Agreement of Supply/ Erection portion)

3.3 Time Schedule:

3.3.1 Time is the essence of the Contract. The Time Schedules shall be strictly adhered to and "X" shall perform the Work in accordance with the agreed Schedule as given LOI/DWA/approved PERT/Activity Chart.

3.4 Quality Plans:

3.4.1 The Contractor is responsible for the proper execution of the approved Quality Plans. The Work beyond the Customer's hold points will progress only with the Owner's consent. The Owner will also undertake Quality surveillance and Quality audit of the Contractor's/Sub-Contractor's Works, systems and procedures and Quality Control activities. The Contractor further agrees that any change in the Quality Plan will be made only with the Owner's approval. The Contractor shall also perform all Quality activities, inspection and Tests agreed with the Owner to demonstrate full compliance with the Contract requirements.

3.4.2 The Contractor also agrees to provide the Owner with the necessary facilities for carrying out inspection, Quality audit and Quality surveillance of Contractor's and its Vendor's Quality systems and manufacturing activities.

These shall include but not limited to the following:

i. Relevant Plant Standards, Drawing and Procedures.
ii. Detailed Quality Assurance System/ Manuals for manufacturing activities.
iii. Storage Procedures and instructions regarding Welding, NDT, Heat Treatment prior to commencement of Manufacture.
iv. Complete set of Log Sheets mentioned in the Quality Plan.

3.4.3 It is expressly agreed to by the Contractor that the Quality Tests and inspection by the Owner shall not in any way relieve the Contractor of its responsibilities for Quality Standards, and Performance Guarantee and their other obligations under the agreement.

3.4.4 “X” agrees to submit Quality Assurance Documents package to BESCOM for review and record after Completion and within three weeks of dispatch of Material.

The Package will include the following:

i) Factory Test result/ inspection report for Testing required by this Contract or applicable Codes and Standards.
ii) Two copies of inspection reports duly, signed by Quality Assurance Personnel of both BESCOM and "X" for the agreed Customer hold points.
iii) Report of the rectification Works where and if applicable.

3.5 It is expressly agreed to by the Contractor that notwithstanding the fact that the Contract is termed as **Supply, for convenience of operation of the other Contracts namely Erection Contracts** ** are also the integral parts of the contract on single source responsibility basis and the Contractor is bound to perform the total Contract in its entirety and non-Performance of any part or portion of the Contract shall be deemed to be a breach of the entire Contract.

(**-The Clause shall be suitably modified in the Agreement of Supply/ Erection portion)

3.6 The Contractor Guarantees that the Equipment under the Contract shall meet the ratings and Performance Parameters as stipulated in the Technical Specifications (Part-II) and in the event of any deficiencies found in the requisite Performance figures, the Owner may at its option reject the Equipment or alternatively accept it on the Terms and Conditions and subject to levy of the Liquidated Damages in terms of Contract

Documents. The amount of Liquidated Damages so leviable shall be in accordance with the Contract Document and without any limitation.

3.7 It is further agreed to by the Contractor that the Contract Performance Guarantee shall in no way be construed to limit or restrict the Owner's right to recover the Damages/ Compensation due to short fall in the Equipment Performance figures as stated in Para 3.6 above or under any other Clause of the agreement. The amount of Damages/ Compensation shall be recoverable either by way of deduction from the Contract Price, Contract Performance Guarantee and/or otherwise.

3.8 The Contract Performance Guarantee furnished by the Contractor is irrevocable and un-conditional and the Owner shall have the powers to invoke it not withstanding any dispute or difference between the Owner and the Contractor pending before any Court, Tribunal, Arbitrator or any other Authority.

3.9 This agreement constitutes full and complete understanding between the Parties. It shall supersede all prior correspondence. Any modification of the Agreement shall be effected only by a written instrument signed by the authorized Representatives of both the Parties.

4.0 **Settlement of disputes:**

4.1 It is specifically agreed by and between the Parties that all the differences or disputes arising out of the Agreement or touching the subject matter of the Agreement, shall be decided by a competent Court at Bangalore.

4.2 **Notice of Default:**

Notice of default given by either Party to the other Party under the Agreement shall be in writing and shall be deemed to have been duly and properly served upon the Parties hereto if delivered against acknowledgement or by Fax or by registered mail with acknowledgement duly addressed to the signatories at the addresses mentioned herein above.

IN WITNESS WHEREOF, the Parties through their duly authorized Representatives have executed these presents (execution whereof has been approved by the competent Authorities of both the Parties) on the day, Month and year first above mentioned at Bangalore.

WITNESSES:

1. .... (Owner’s signature)
(Printed Name)
2..... ..... (Designation)
(Company's Stamp)

1. .... (Contractor’s signature)
(Printed Name)
2..... ..... (Designation)
(Company's Stamp)

ANNEXURE- VII

POWER OF ATTORNEY

(On Non-Judicial Stamp Paper of appropriate Value of Rs.100/-)

(To be furnished in case of registered company/ Partnership firm)

KNOW ALL MEN BY THESE PRESENTS that we .....a Company/ a Partnership Firm incorporated under the laws of .....and having its Registered Office/Head Office at .....(hereinafter called " Bidder" which expression shall unless repugnant to the Context or meaning thereof, include its successors, administrators and assigns) acting through Mr.....its constitute, nominate and appoint Mr.....working as .....in a ..... a Company/ a Partnership Firm incorporated under the laws of ..... and having its Registered/ Head Office at .....as its duly constituted lawful Attorney (hereinafter called "Attorney" or "Authorized Representative") to exercise all or any of the powers for and on behalf of the Bidder in regard to Specification No ..... Package .....the Bids for which have been invited by .....(Address "BESCOM") to undertake the following acts:

i) To submit proposal and participate in the aforesaid Bid Specification of the "BESCOM" on behalf of the "Bidder".
ii) To negotiate with the "BESCOM" the Terms and Conditions including Price for Award of the Contract pursuant to the aforesaid Bid and to sign the Contract with the "BESCOM' for and on behalf of the Bidder.
iii) To receive accept and execute the Contract for and on behalf of the "Bidder".
iv) To do any other act or submit any Document related to the above.

It is expressly understood that the Power of Attorney shall remain valid, binding and irrevocable till submission of the Contract Performance Guarantee in terms of the Contract. The "Bidder" hereby agrees and undertakes to satisfy and confirm all whatsoever the said "Attorney"/"Authorised Representative" quotes in the Bid, negotiates and signs the Contract with the "BESCOM" and/or purports to act on behalf of the "Bidder" by virtue of this Power of Attorney and the same shall bind the "Bidder" as if done by itself.

IN WITNESS WHEREOF THE "Bidder" has executed these Presents at .....on this day Of..... .... under the Common Seal of the Bidder company.

Specimen Signature of Attorney Holder
.....
(Name)

For and on behalf of

Common Seal of the above Bidder
Has been affixed thereunto, in the presence of.

WITNESSES:
1. Signature .....
Name.. .....

Designation ....
Occupation .....

Annexure- 8 for PQR

QUALIFICATION INFORMATION

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer : [Attach copy]

Place of Registration : [Attach copy]

Principal place of business :

1.2 Total value of works executed (BESCOM & Non BESCOM works) and payments received in the last five years (in Rs. Lakhs) of Bidder

2018-19:--------
2019-20:--------
2020-21:---------
2021-22:--------
2022-23:-------

Note: Attach relevant Certificate/s from Chartered Accountant.

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above of Bidder

Sl. No.	Project Name	Utility	Description of work	Contract/ DWA Number	Value of contract/ DWA Rs. Lakhs	Date of issue of Contract/ DWA	Specified period of completion	Actual date of completion	Remarks explaining reasons for delay in completion of work

Note : The documentary proof of fulfilling the qualifying requirements shall be uploaded along with the bid. The bidder shall upload the P.O,LOI/LOA, DWA, Work done Certificates, Performance Certificates issued by the end users not below the rank of Executive/ Divisional Engineer along with the bid.

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above of Bidder:

Year	**Name of work with description**	**Utility**	**Contract / DWA Number**	**Awarded quantity in nos.**	**Value of contract / DWA Rs. Lakhs**	**Date of issue of work order**	**Quantity of work performed in nos.**	**Remarks**
2018-19								
2019-20								
2020-21								
2021-22								
2022-23								

Note: The documentary proof of fulfilling the qualifying requirements shall be uploaded along with the bid. The bidder shall upload the P.O,LOI/LOA, DWA, Work done Certificates, Performance Certificates issued by the end users not below the rank of Executive/ Divisional Engineer along with the bid.

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender of bidder:

(A) Works Executed

Description of work	Place & State	Contract No & Date	Name and Address of Employer	Value of contract Rs. Lakhs	Stipulated period of Completion	Value of works completed (Rs. Lakhs) (Attach Certificates CA)	Date of commissioning/ completion
1	2	3	4	5	6	7	8

(B) Existing commitments and on-going works:

Description of work	Place & State	Contract No & Date	Name and Address of Employer	Value of contract Rs. Lakhs	Stipulated period of Completion	Value of works remaining to be completed (Rs. Lakhs) (Attach	Anticipated date of commissioning

						Certificates from Engineers – in- Charge)	
1	2	3	4	5	6	7	8

Works for which Tenders already submitted:

Description of work	Place & State	Name and Address of Employer	Estimated value of works (Rs. Lakhs)	Stipulated period of Completion	Date when decision is expected	Remarks if any
1	2	3	4	5	6	7

Note: i) The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.

1.6 The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below.

Item of equipment	Requirement capacity		Owned/brought out on hired or Lease basis	Owned & available Age/ Condition	Remarks
	No.	Capacity			

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years; Audited Financial statements i.e Balance sheets, P&L statements, Turnover certificates duly certified by chartered Accountant as documentary evidence shall be uploaded.

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

1.9 Name, address, telephone number & e-mail id of the Tenderers' bankers who may provide references if contacted by the Employer.

1.10 Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause 3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:

BANKER'S CERTIFICATE

ON BANKS LETTER HEAD
Format of BANKER'S CERTIFICATE/Line of Credit Letter
(To be issued in letter head of Bank Branch)

Reference Number (Sl.No.)
Place:
Date:
To
[Name and Address of the beneficiary]

This is to certify that Mr./ M/s. ..... [name of the customer] having his/ their registered/ administrative office at ..... is a customer of our Bank and is/ are engaged in .....[nature of activity]. If the said customer is allotted/awarded with ..... (Brief details of works), we may extend credit facilities up to Rs.....Lakh, to meet his/their working capital requirements towards execution of the said work order as per the Loan Policy of the Bank.

This certificate is valid upto three months from the date of issue,that is upto dd/mm/yy.

Sd/-
Name of the Bank, Senior Bank Manger
Address:.....

1.11 Deleted

1.12 Information on litigations in which the Tenderer is involved:

Other Party (ies)	Employer	Details of dispute	Amount involved	Remarks showing present status

1.13 The proposed methodology and program of construction, backed with equipment planning and deployment, duly

supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per approved Activity chart.

Also refer the formats of Techno-Commercial sheets uploaded in the Karnataka Public Procurement Portal (KPPP) and fill the data & upload the same to the slot provided in KPPP.